## Acid-Base Indicators

indicator	pH transition	acid form's color	base form's color
thymol blue	1.1-2.6	red	yellow
methyl orange	3.0-4.3	red	yellow-orange
bromocresol green	2.9-5.6	yellow	blue
bromothymol blue	6.1-7.6	yellow	blue
thymol blue	8.0-9.6	yellow	blue
thymolphthalein	9.5-10.5	colorless	blue
indigo carmine	11.4-13.0	blue	yellow

In a pH transition region, an indicator's color is a blend of the color of its acid form and the color of its base form. For example, a solution containing bromocresol green is yellow when the pH is less than 2.9 and blue when the pH is greater than 5.6; between a pH of 2.9 and a pH of 5.6, the solution changes from yellow to blue passing through shades of yellow-green, green, and blue-green.

## Acid-Base Indicators

indicator	pH transition	acid form's color	base form's color
thymol blue	1.1–2.6	red	yellow
methyl orange	3.0-4.3	red	yellow-orange
bromocresol green	2.9-5.6	yellow	blue
bromothymol blue	6.1-7.6	yellow	blue
thymol blue	8.0-9.6	yellow	blue
thymolphthalein	9.5-10.5	colorless	blue
indigo carmine	11.4-13.0	blue	yellow

In a pH transition region, an indicator's color is a blend of the color of its acid form and the color of its base form. For example, a solution containing bromocresol green is yellow when the pH is less than 2.9 and blue when the pH is greater than 5.6; between a pH of 2.9 and a pH of 5.6, the solution changes from yellow to blue passing through shades of yellow-green, green, and blue-green.