



Red color represents the acid ions and blue represents the alkaline ions. At pH 7 there is an equal concentration of both acid and alkaline ions. As the acid ions H⁺ increase there is a corresponding decrease in alkaline OH⁻ and vice versa. Each discrete level in pH is 10 times greater or lower than the next level i. e. the scale is logarithmic. Look at the logarithmic or superscript numbers for H⁺ VALUES (acidity) at particular pH level, ignore the minus sign and that becomes the pH value.