

Converting Colors

CIELCh(80, 30.544, 28.749)

Have a look what the booklet for
CIELCh(80, 30.544, 28.749) contains.

CIELCh(80, 30.544, 28.749)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(80, 30.544, 28.749)

Conversions

Conversions Part 1

Format	Color
Hex	FFB3AC
RGB	255, 179, 172
RGB Percent	100%, 70%, 67%
CMY	0.0000, 0.2968, 0.3243
CMYK	0.00, 0.30, 0.32, 0.00
HSL	5°, 100%, 84%
HSV	5°, 32%, 100%
XYZ	65.0249, 56.6813, 46.6984
YIQ	200.9260, 47.5430, 13.9350

Conversions

Conversions Part 2

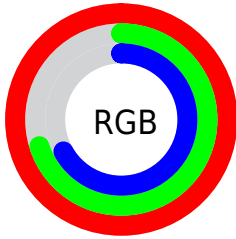
Format	Color
R _Y B	255, 180, 172
Decimal	16757676
CIE Lab	80.00, 26.78, 14.69
CIE LCh	80, 30.544, 28.749
Yxy	56.6813, 0.3861, 0.3366
Android (android.graphics.Color)	4294947756 (0xFFFFB3AC)
YUV	200.9260, -14.2605, 47.4229
Hunter-Lab	75.2870, 22.4170, 15.9250

Details

The CIELCh color **80, 30.544, 28.749** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **93, 24.029, 206.686**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 8.358, 49.072**, and **60, 30.618, 28.820** is the 20% darker color. If you saturate the color by 10%, you get **74, 41.376, 29.803**, and if you desaturate by 10%, it is **86, 20.181, 28.022**.

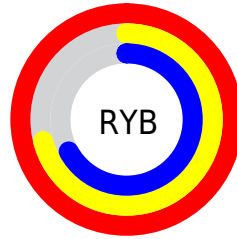
Distribution



Red (100%)

Green (70%)

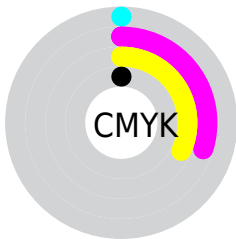
Blue (67%)



Red (100%)

Yellow (71%)

Blue (67%)

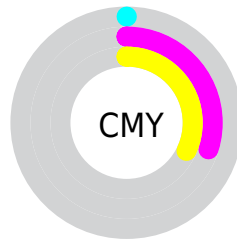


Cyan (0%)

Magenta (30%)

Yellow (32%)

Black (0%)



Cyan (0%)

Magenta (30%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 30.544, 28.749 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 80, 30.544, 28.749 by changing the saturation by 10% instead.

 80, 30.544, 28.749

 80, 30.544, 28.749

 100, 30.544,
28.749

 70, 30.544, 28.749

 60, 30.544, 28.749

 50, 30.544, 28.749

 40, 30.544, 28.749

 30, 30.544, 28.749

 20, 30.544, 28.749

 10, 30.544, 28.749

 0, 30.544, 28.749

 80, 30.544, 28.749

 80, 30.544, 28.749

74, 41.376, 29.803

86, 20.181, 28.022

69, 53.008, 31.183

92, 10.726, 27.467

64, 65.100, 32.981

98, 2.010, 26.834

60, 77.300, 35.203

100, 0.012,
296.813

57, 88.941, 37.670

55, 98.572, 39.768

54, 103.386,
40.710

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



80, 30.544, 28.749



93, 24.029, 206.686

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80, 30.544, 28.749



80, 30.544, 78.749



80, 30.544, 208.749



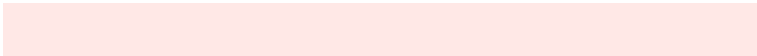
80, 30.544, 258.749

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



80, 30.404, 28.775



94, 8.544, 27.350



81, 48.875, 328.652



49, 5.864, 27.417



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



80, 30.404, 28.775



76, 37.535, 29.415



90, 28.592, 79.573



50, 4.848, 27.326



40, 83.001, 40.917



11, 31.745, 31.327

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



93, 24.029, 206.686



92, 28.057, 206.738



82, 27.315, 269.220



52, 4.556, 206.955



65, 36.402, 211.219



22, 16.910, 209.252

Previews

White Background



This preview shows how the CIELCh color 80, 30.544, 28.749 looks on a white background.

Color Contrast Check

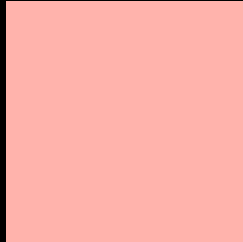
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 80, 30.544, 28.749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

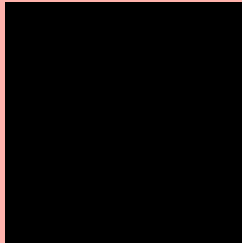
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 30.544, 28.749

Background



This preview shows how black text looks on a background with the CIELCh color 80, 30.544, 28.749.



This preview shows how white text looks on a background with the CIELCh color 80, 30.544, 28.749.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

80, 30.544, 28.749

Protanopia

80, 9.002, 89.652

Deuteranopia

80, 18.499, 57.008



Tritanopia
80, 30.573, 9.252

Trichromacy



Original Color
80, 30.544, 28.749

Protanomaly
80, 14.613, 48.260

Deuteranomaly
80, 22.076, 43.221

Tritanomaly
80, 30.006, 16.011

Monochromacy



Original Color
80, 30.544, 28.749

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 10.648, 25.871

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 30.544, 28.749 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 179, 172)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 172)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 179, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 30.544, 28.749 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 179, 172) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(255, 179, 172) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(255, 179, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 172);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 30.544, 28.749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 172) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
179, 172) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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