

Converting Colors

CIELCh(88, 35.188, 80.700)

Have a look what the booklet for
CIELCh(88, 35.188, 80.700) contains.

CIELCh(88, 35.124, 80.752)	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(88, 35.124, 80.752)

Conversions

Conversions Part 1

Format	Color
Hex	FED79B
RGB	254, 215, 155
RGB Percent	100%, 84%, 61%
CMY	0.0038, 0.1567, 0.3920
CMYK	0.00, 0.15, 0.39, 0.00
HSL	36°, 98%, 80%
HSV	36°, 39%, 100%
XYZ	71.1161, 72.0653, 41.1871
YIQ	219.8210, 42.5040, -10.3920

Conversions

Conversions Part 2

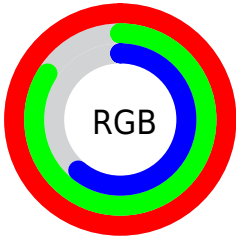
Format	Color
R _Y B	219, 254, 155
Decimal	16701339
CIE Lab	88.00, 5.64, 34.67
CIE LCh	88, 35.124, 80.752
Yxy	72.0653, 0.3857, 0.3909
Android (android.graphics.Color)	4294891419 (0xFFFE79B)
YUV	219.8210, -31.9568, 29.9750
Hunter-Lab	84.8913, 0.9754, 30.6579

Details

The CIELCh color **88, 35.124, 80.752** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **78, 33.709, 272.742**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 22.729, 108.455**, and **68, 35.122, 80.261** is the 20% darker color. If you saturate the color by 10%, you get **85, 44.673, 79.326**, and if you desaturate by 10%, it is **91, 25.748, 82.147**.

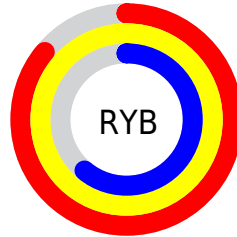
Distribution



Red (100%)

Green (84%)

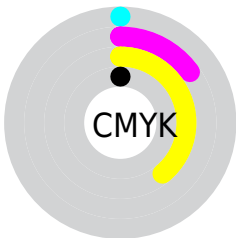
Blue (61%)



Red (86%)

Yellow (100%)

Blue (61%)

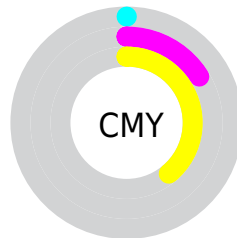


Cyan (0%)

Magenta (15%)

Yellow (39%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 35.124, 80.752 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 88, 35.124, 80.752 by changing the saturation by 10% instead.

 88, 35.124, 80.752

 88, 35.124, 80.752

 100, 35.124,
80.752

 78, 35.124, 80.752

 68, 35.124, 80.752

 58, 35.124, 80.752

 48, 35.124, 80.752

 38, 35.124, 80.752

 28, 35.124, 80.752

 18, 35.124, 80.752

 8, 35.124, 80.752

 0, 35.124, 80.752

88, 35.124, 80.752

88, 35.124, 80.752

85, 44.673, 79.326

91, 25.748, 82.147

82, 54.237, 77.838

94, 16.610, 83.495

80, 63.498, 76.251

97, 7.734, 84.787

77, 71.863, 74.466

100, 0.334,
201.369

75, 78.390, 72.300

73, 82.249, 69.536

72, 82.590, 69.245

Harmonies

Complementary

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



88, 35.124, 80.752



78, 33.709, 272.742

Rectangle

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



88, 35.124, 80.752



88, 35.124, 130.752



88, 35.124, 260.752



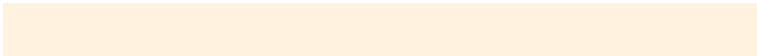
88, 35.124, 310.752

Sweetspot

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



88, 35.125, 80.757



96, 10.427, 84.404



75, 42.140, 353.804



51, 6.930, 84.236



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



88, 35.125, 80.757



86, 42.915, 79.611



97, 49.468, 110.916



52, 4.920, 84.721



56, 66.646, 69.872



18, 27.431, 72.472

Inverse Universe

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



78, 33.709, 272.742



74, 40.896, 274.743



68, 54.624, 298.414



50, 4.884, 267.298



36, 71.342, 292.941



10, 28.650, 287.276

Previews

White Background



This preview shows how the CIELCh color 88, 35.124, 80.752 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 CIELCh color 88, 35.124, 80.752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

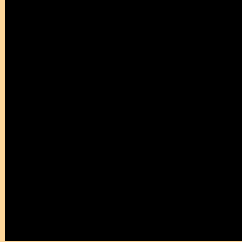
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 35.124, 80.752

Background



This preview shows how black text looks on a background with the CIELCh color 88, 35.124, 80.752.



This preview shows how white text looks on a background with the CIELCh color 88, 35.124, 80.752.

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
88, 35.124, 80.752

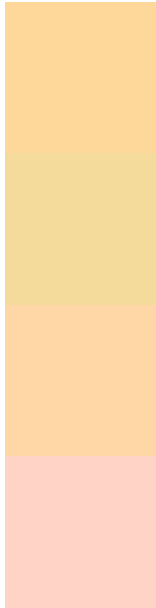
Protanopia
88, 33.741, 95.744

Deuteranopia
88, 27.305, 70.702



Tritanopia
88, 18.146, 358.997

Trichromacy



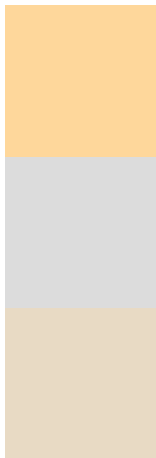
Original Color
88, 35.124, 80.752

Protanomaly
88, 34.158, 90.274

Deuteranomaly
88, 30.092, 74.997

Tritanomaly
88, 18.197, 42.150

Monochromacy



Original Color
88, 35.124, 80.752

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 12.609, 84.410

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 35.124, 80.752 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(254, 215, 155)` looks like.

```
.text, #text, p{  
    color:rgb(254, 215, 155)  
}
```

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(254, 215, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 215, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 35.124, 80.752 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(254, 215, 155) }
```

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

```
.border{ border-color:rgb(254, 215, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 215, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 215, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 215, 155);  
box-shadow:4px 4px 4px 4px rgb(254, 215,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 35.124, 80.752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 215, 155) }
```

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

```
.background{ background-color: rgb(254,  
215, 155) }
```

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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