

Converting Colors

CIELCh(88, 20.652, 32.044)

Have a look what the booklet for
CIELCh(88, 20.652, 32.044) contains.

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Color

CIELCh(88, 18.020, 33.878)

Conversions

Conversions Part 1

Format	Color
Hex	FFD2CA
RGB	255, 210, 202
RGB Percent	100%, 82%, 79%
CMY	0.0000, 0.1751, 0.2066
CMYK	0.00, 0.18, 0.21, 0.00
HSL	9°, 100%, 90%
HSV	9°, 21%, 100%
XYZ	75.5852, 72.0653, 66.0048
YIQ	222.5430, 29.3880, 7.0520

Conversions

Conversions Part 2

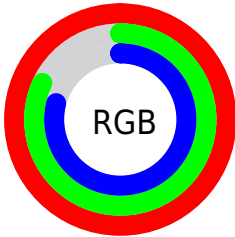
Format	Color
R _Y B	255, 211, 202
Decimal	16765642
CIE Lab	88.00, 14.96, 10.04
CIE LCh	88, 18.020, 33.878
Yxy	72.0653, 0.3538, 0.3373
Android (android.graphics.Color)	4294955722 (0xFFFFD2CA)
YUV	222.5430, -10.1277, 28.4648
Hunter-Lab	84.8913, 10.3725, 13.3246

Details

The CIELCh color **88, 18.020, 33.878** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94, 15.177, 214.399**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 17.883, 33.217** is the 20% darker color. If you saturate the color by 10%, you get **82, 27.077, 34.610**, and if you desaturate by 10%, it is **94, 8.649, 34.057**.

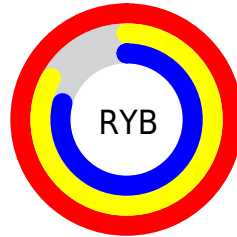
Distribution



Red (100%)

Green (82%)

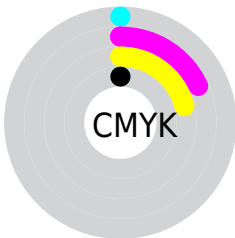
Blue (79%)



Red (100%)

Yellow (83%)

Blue (79%)

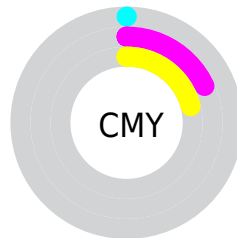


Cyan (0%)

Magenta (18%)

Yellow (21%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 18.020, 33.878 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, 18.020, 33.878 by changing the saturation by 10% instead.

 88, 18.020, 33.878

 88, 18.020, 33.878

 100, 18.020,
33.878

 78, 18.020, 33.878

 68, 18.020, 33.878

 58, 18.020, 33.878

 48, 18.020, 33.878

 38, 18.020, 33.878

 28, 18.020, 33.878

 18, 18.020, 33.878

 8, 18.020, 33.878

 0, 18.020, 33.878

88, 18.020, 33.878

88, 18.020, 33.878

82, 27.077, 34.610

94, 8.649, 34.057

77, 37.438, 35.161

100, 0.510, 32.792

72, 48.539, 35.972

100, 0.012,
296.813

67, 60.267, 37.087

63, 72.360, 38.505

59, 84.263, 40.092

57, 94.740, 41.396

55, 101.618,
41.835

Harmonies

Complementary

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



88, 18.020, 33.878



94, 15.177, 214.399

Rectangle

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



88, 18.020, 33.878



88, 18.020, 83.878



88, 18.020, 213.878



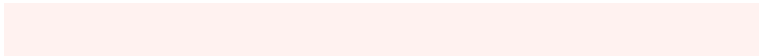
88, 18.020, 263.878

Sweetspot

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



88, 17.488, 34.264



96, 4.776, 33.962



87, 29.812, 330.095



51, 3.176, 33.979



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, 17.488, 34.264



85, 21.559, 34.392



94, 18.886, 87.096



50, 4.592, 34.037



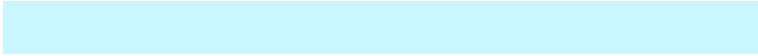
41, 81.456, 42.161



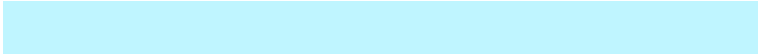
11, 30.676, 34.648

Inverse Universe

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



94, 15.177, 214.399



93, 18.095, 214.524



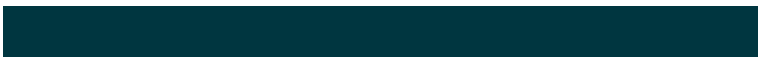
88, 18.721, 272.794



52, 4.318, 214.237



61, 35.093, 225.214



20, 16.220, 221.280

Previews

White Background



This preview shows how the CIELCh color 88, 18.020, 33.878 looks on a white background.

Color Contrast Check

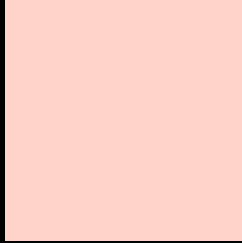
Large Text (above 18pt) WCAG AA × Fail

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, 18.020, 33.878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

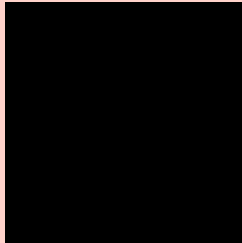
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 18.020, 33.878

Background



This preview shows how black text looks on a background with the CIELCh color 88, 18.020, 33.878.

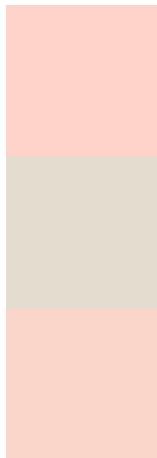


This preview shows how white text looks on a background with the CIELCh color 88, 18.020, 33.878.

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, 17.621, 34.143

Protanopia

88, 7.362, 85.922

Deuteranopia

88, 14.812, 42.862



Tritanopia
88, 18.860, 356.495

Trichromacy



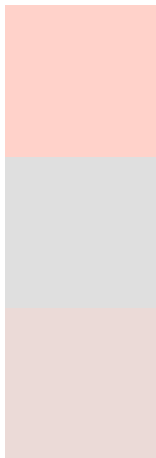
Original Color
88, 17.621, 34.143

Protanomaly
88, 10.022, 54.556

Deuteranomaly
88, 15.703, 39.599

Tritanomaly
88, 17.332, 10.391

Monochromacy



Original Color
88, 17.621, 34.143

Achromatopsia
89, 0.011, 296.813

Achromatomaly
88, 6.416, 33.787

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 18.020, 33.878 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, 210, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 202)  
}
```

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, 210, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 18.020, 33.878 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, 210, 202) }
```

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

```
.border{ border-color:rgb(255, 210, 202) }
```

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

Here you see how a box with a 4 pixel rgb(255, 210, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 18.020, 33.878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 202) }
```

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

```
.background{ background-color: rgb(255,  
210, 202) }
```

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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