

Converting Colors

CIELCh(87, 20.804, 50.184)

Have a look what the booklet for
CIELCh(87, 20.804, 50.184) contains.

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Color

CIELCh(87, 20.820, 50.291)

Conversions

Conversions Part 1

Format	Color
Hex	FED0BC
RGB	254, 208, 188
RGB Percent	100%, 82%, 74%
CMY	0.0028, 0.1833, 0.2617
CMYK	0.00, 0.18, 0.26, 0.00
HSL	18°, 98%, 87%
HSV	18°, 26%, 100%
XYZ	72.7007, 70.0064, 57.4047
YIQ	219.4740, 33.8360, 3.5320

Conversions

Conversions Part 2

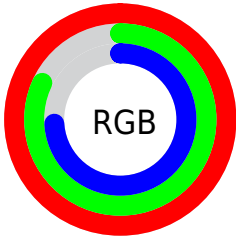
Format	Color
R _Y B	254, 217, 188
Decimal	16699580
CIE Lab	87.00, 13.30, 16.02
CIE LCh	87, 20.820, 50.291
Yxy	70.0064, 0.3633, 0.3498
Android (android.graphics.Color)	4294889660 (0xFFFE0BC)
YUV	219.4740, -15.5167, 30.2793
Hunter-Lab	83.6698, 8.6764, 17.8908

Details

The CIELCh color **87, 20.820, 50.291** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90, 17.839, 234.464**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 5.566, 109.748**, and **67, 20.536, 50.983** is the 20% darker color. If you saturate the color by 10%, you get **82, 29.995, 49.826**, and if you desaturate by 10%, it is **92, 12.314, 50.851**.

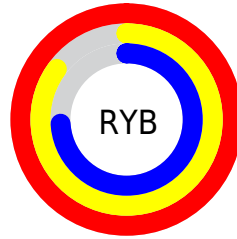
Distribution



Red (100%)

Green (82%)

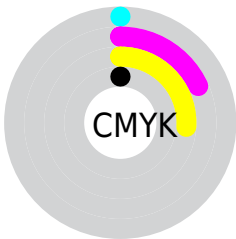
Blue (74%)



Red (100%)

Yellow (85%)

Blue (74%)

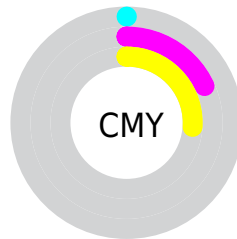


Cyan (0%)

Magenta (18%)

Yellow (26%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 20.820, 50.291 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 87, 20.820, 50.291 by changing the saturation by 10% instead.

 87, 20.820, 50.291

 87, 20.820, 50.291

 100, 20.820,
50.291

 77, 20.820, 50.291

 67, 20.820, 50.291

 57, 20.820, 50.291

 47, 20.820, 50.291

 37, 20.820, 50.291

 27, 20.820, 50.291

 17, 20.820, 50.291

 7, 20.820, 50.291

 0, 20.820, 50.291

87, 20.820, 50.291

87, 20.820, 50.291

82, 29.995, 49.826

92, 12.314, 50.851

78, 39.866, 49.460

97, 4.427, 51.403

73, 50.410, 49.215

100, 0.250,
202.040

69, 61.499, 49.074

66, 72.793, 48.954

62, 83.501, 48.607

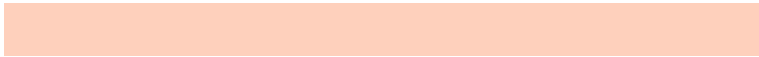
59, 92.071, 47.504

58, 94.878, 46.928

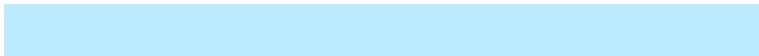
Harmonies

Complementary

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



87, 20.820, 50.291



90, 17.839, 234.464

Rectangle

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



87, 20.820, 50.291



87, 20.820, 100.291



87, 20.820, 230.291



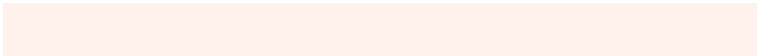
87, 20.820, 280.291

Sweetspot

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



87, 20.819, 50.300



96, 6.000, 51.304



84, 33.699, 336.157



51, 4.289, 51.222



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



87, 20.819, 50.300



85, 25.414, 50.049



95, 27.385, 97.352



51, 4.289, 51.222



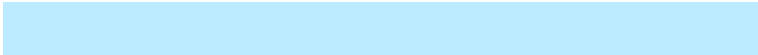
44, 76.095, 47.495



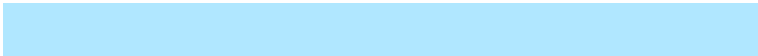
13, 28.516, 44.056

Inverse Universe

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



90, 17.839, 234.464



89, 21.038, 235.151



82, 28.213, 284.000



51, 4.075, 232.764



53, 39.682, 256.826



17, 17.309, 249.774

Previews

White Background



This preview shows how the CIELCh color 87, 20.820, 50.291 looks on a white background.

Color Contrast Check

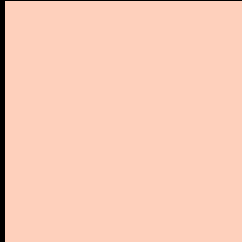
Large Text (above 18pt) WCAG AA × Fail

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 87, 20.820, 50.291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

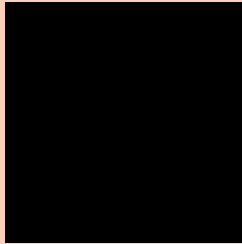
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 20.820, 50.291

Background



This preview shows how black text looks on a background with the CIELCh color 87, 20.820, 50.291.

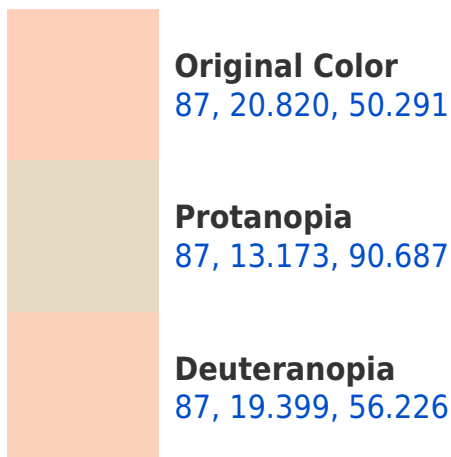


This preview shows how white text looks on a background with the CIELCh color 87, 20.820, 50.291.

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





Tritanopia
87, 19.763, 359.371

Trichromacy



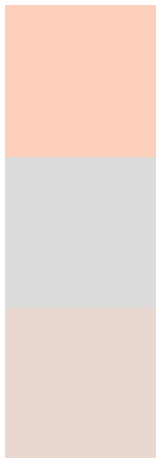
Original Color
87, 20.820, 50.291

Protanomaly
87, 15.140, 71.818

Deuteranomaly
87, 20.080, 53.150

Tritanomaly
87, 18.412, 17.566

Monochromacy



Original Color
87, 20.820, 50.291

Achromatopsia
88, 0.010, 296.813

Achromatomaly
87, 7.231, 54.807

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 20.820, 50.291 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, 208, 188)` looks like.

```
.text, #text, p{  
    color:rgb(254, 208, 188)  
}
```

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, 208, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 208, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 20.820, 50.291 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, 208, 188) }
```

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

```
.border{ border-color:rgb(254, 208, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 208, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(254, 208, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(254, 208, 188); box-shadow:4px 4px 4px 4px rgb(254, 208, 188) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 20.820, 50.291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 208, 188) }
```

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

```
.background{ background-color: rgb(254,  
208, 188) }
```

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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