

Converting Colors

CIELCh(88, 20.359, 57.787)

Have a look what the booklet for
CIELCh(88, 20.359, 57.787) contains.

CIELCh(88, 20.337, 57.795)	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, 20.337, 57.795)

Conversions

Conversions Part 1

Format	Color
Hex	FED5BD
RGB	254, 213, 189
RGB Percent	100%, 84%, 74%
CMY	0.0054, 0.1661, 0.2602
CMYK	0.00, 0.16, 0.26, 0.01
HSL	22°, 96%, 87%
HSV	22°, 26%, 99%
XYZ	73.5853, 72.0653, 57.9745
YIQ	222.5230, 32.1400, 1.2280

Conversions

Conversions Part 2

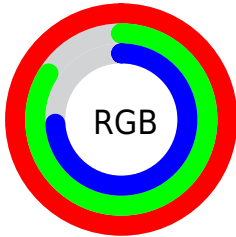
Format	Color
R_{YB}	254, 227, 189
Decimal	16700861
CIE _{Lab}	88.00, 10.84, 17.21
CIE _{LCh}	88, 20.337, 57.795
Yxy	72.0653, 0.3614, 0.3539
Android (android.graphics.Color)	4294890941 (0xFF FED5BD)
YUV	222.5230, -16.5268, 27.6053
Hunter-Lab	84.8913, 6.1674, 18.9331

Details

The CIELCh color **88, 20.337, 57.795** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89, 17.895, 243.335**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 5.059, 109.785**, and **68, 20.372, 56.431** is the 20% darker color. If you saturate the color by 10%, you get **84, 29.289, 56.979**, and if you desaturate by 10%, it is **92, 11.976, 58.667**.

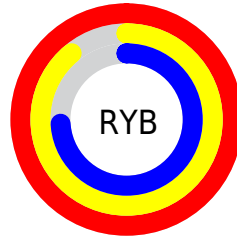
Distribution



Red (100%)

Green (84%)

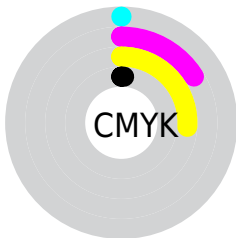
Blue (74%)



Red (100%)

Yellow (89%)

Blue (74%)

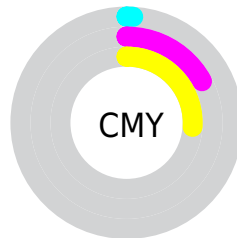


Cyan (0%)

Magenta (16%)

Yellow (26%)

Black (1%)



Cyan (1%)

Magenta (17%)

Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 20.337, 57.795 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, 20.337, 57.795 by changing the saturation by 10% instead.

 88, 20.337, 57.795

 88, 20.337, 57.795

 100, 20.337,
57.795

 78, 20.337, 57.795

 68, 20.337, 57.795

 58, 20.337, 57.795

 48, 20.337, 57.795

 38, 20.337, 57.795

 28, 20.337, 57.795

 18, 20.337, 57.795

 8, 20.337, 57.795

 0, 20.337, 57.795

88, 20.337, 57.795

88, 20.337, 57.795

84, 29.289, 56.979

92, 11.976, 58.667

79, 38.856, 56.214

97, 4.163, 59.497

75, 49.009, 55.511

100, 0.478,
200.760

72, 59.620, 54.847

68, 70.346, 54.131

65, 80.422, 53.131

62, 88.439, 51.389

61, 91.267, 50.459

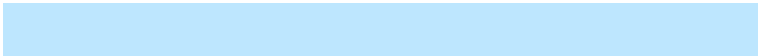
Harmonies

Complementary

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



88, 20.337, 57.795



89, 17.895, 243.335

Rectangle

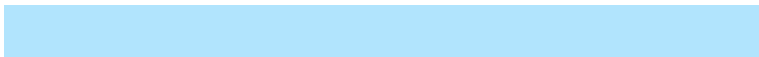
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88, 20.337, 57.795



88, 20.337, 107.795



88, 20.337, 237.795



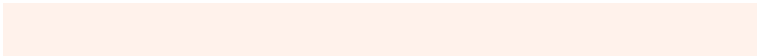
88, 20.337, 287.795

Sweetspot

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



88, 20.337, 57.804



96, 6.003, 59.316



83, 31.704, 339.111



51, 4.288, 59.193



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

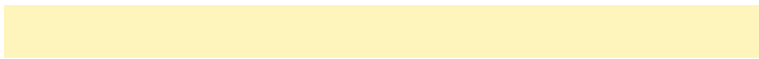
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88, 20.337, 57.804



86, 25.189, 57.353



96, 28.779, 101.301



51, 4.288, 59.193



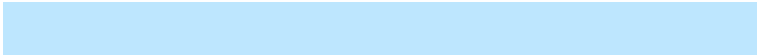
46, 73.373, 51.101



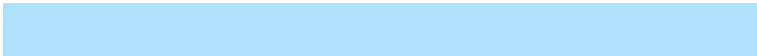
14, 27.743, 49.468

Inverse Universe

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



89, 17.895, 243.335



87, 21.493, 244.237



81, 30.019, 287.499



51, 4.110, 241.211



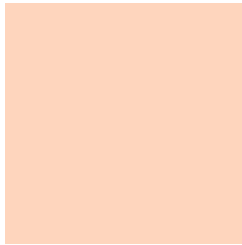
49, 44.729, 268.022



15, 18.941, 260.756

Previews

White Background



This preview shows how the CIELCh color 88, 20.337, 57.795 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 88, 20.337, 57.795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

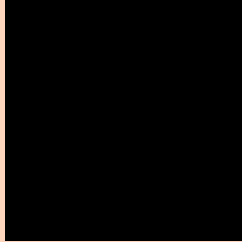
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 20.337, 57.795

Background



This preview shows how black text looks on a background with the CIELCh color 88, 20.337, 57.795.

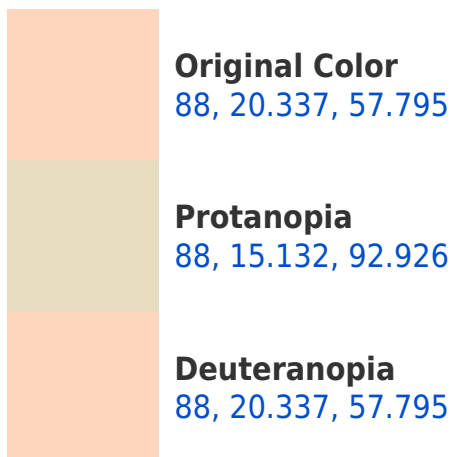


This preview shows how white text looks on a background with the CIELCh color 88, 20.337, 57.795.

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](#).

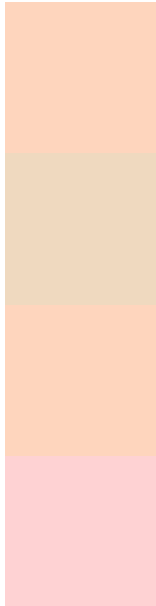
Dichromacy





Tritanopia
88, 18.320, 357.471

Trichromacy



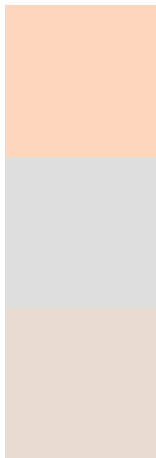
Original Color
88, 20.337, 57.795

Protanomaly
88, 15.962, 77.203

Deuteranomaly
88, 20.337, 57.795

Tritanomaly
88, 16.438, 18.805

Monochromacy



Original Color
88, 20.337, 57.795

Achromatopsia
88, 0.011, 296.813

Achromatomaly
88, 6.957, 61.788

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 20.337, 57.795 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, 213, 189)` looks like.

```
.text, #text, p{  
    color:rgb(254, 213, 189)  
}
```

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, 213, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 213, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 20.337, 57.795 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, 213, 189) }
```

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

```
.border{ border-color:rgb(254, 213, 189) }
```

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

Here you see how a box with a 4 pixel rgb(254, 213, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 213, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 213, 189);  
box-shadow:4px 4px 4px 4px rgb(254, 213,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 20.337, 57.795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 213, 189) }
```

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

```
.background{ background-color: rgb(254,  
213, 189) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor