

Converting Colors

CIELCh(88, 19.889, 55.925)

Have a look what the booklet for
CIELCh(88, 19.889, 55.925) contains.

CIELCh(88, 20.005, 54.934)	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, 20.005, 54.934)

Conversions

Conversions Part 1

Format	Color
Hex	FED4BE
RGB	254, 212, 190
RGB Percent	100%, 83%, 75%
CMY	0.0029, 0.1676, 0.2539
CMYK	0.00, 0.17, 0.25, 0.00
HSL	21°, 98%, 87%
HSV	21°, 25%, 100%
XYZ	73.9006, 72.0653, 58.8742
YIQ	222.0500, 32.0940, 2.0620

Conversions

Conversions Part 2

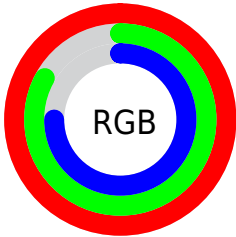
Format	Color
R _Y B	254, 224, 190
Decimal	16700606
CIE Lab	88.00, 11.49, 16.37
CIE LCh	88, 20.005, 54.934
Yxy	72.0653, 0.3608, 0.3518
Android (android.graphics.Color)	4294890686 (0xFF FED4BE)
YUV	222.0500, -15.8006, 28.0202
Hunter-Lab	84.8913, 6.8303, 18.3048

Details

The CIELCh color **88, 20.005, 54.934** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90, 17.474, 239.870**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 4.553, 109.821**, and **68, 20.050, 53.433** is the 20% darker color. If you saturate the color by 10%, you get **84, 29.003, 54.242**, and if you desaturate by 10%, it is **93, 11.628, 55.696**.

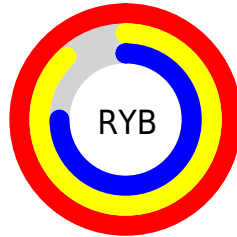
Distribution



Red (100%)

Green (83%)

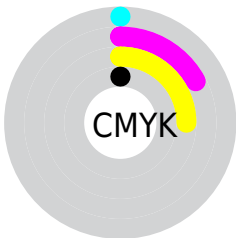
Blue (75%)



Red (100%)

Yellow (88%)

Blue (75%)

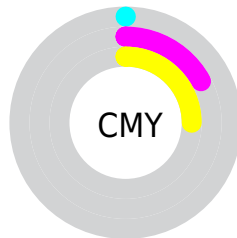


Cyan (0%)

Magenta (17%)

Yellow (25%)

Black (0%)



Cyan (0%)

Magenta (17%)

Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 20.005, 54.934 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, 20.005, 54.934 by changing the saturation by 10% instead.

 88, 20.005, 54.934

 88, 20.005, 54.934

 100, 20.005,
54.934

 78, 20.005, 54.934

 68, 20.005, 54.934

 58, 20.005, 54.934

 48, 20.005, 54.934

 38, 20.005, 54.934

 28, 20.005, 54.934

 18, 20.005, 54.934

 8, 20.005, 54.934

 0, 20.005, 54.934

88, 20.005, 54.934

88, 20.005, 54.934

84, 29.003, 54.242

93, 11.628, 55.696

79, 38.651, 53.616

97, 3.826, 56.414

75, 48.927, 53.075

100, 0.254,
202.002

71, 59.712, 52.599

67, 70.686, 52.105

64, 81.104, 51.366

61, 89.543, 49.913

60, 92.772, 48.998

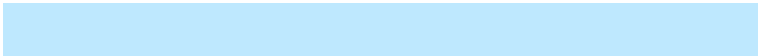
Harmonies

Complementary

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



88, 20.005, 54.934



90, 17.474, 239.870

Rectangle

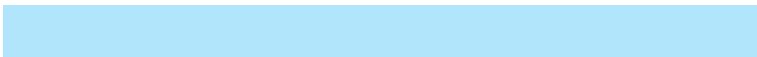
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88, 20.005, 54.934



88, 20.005, 104.934



88, 20.005, 234.934



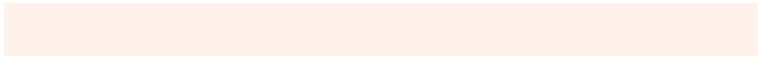
88, 20.005, 284.934

Sweetspot

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



88, 20.004, 54.943



96, 5.988, 56.233



84, 31.935, 337.547



51, 4.279, 56.125



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, 20.004, 54.943



86, 24.322, 54.596



96, 27.430, 99.466



51, 4.279, 56.125



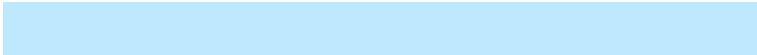
46, 74.419, 49.617



14, 28.016, 47.299

Inverse Universe

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



90, 17.474, 239.870



88, 20.624, 240.613



82, 28.418, 285.715



51, 4.086, 237.975



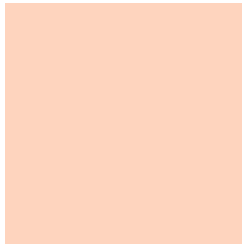
50, 42.603, 263.967



16, 18.238, 256.713

Previews

White Background



This preview shows how the CIELCh color 88, 20.005, 54.934 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, 20.005, 54.934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

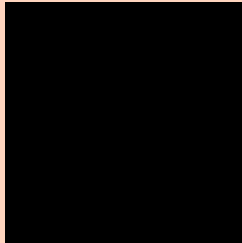
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 20.005, 54.934

Background



This preview shows how black text looks on a background with the CIELCh color 88, 20.005, 54.934.



This preview shows how white text looks on a background with the CIELCh color 88, 20.005, 54.934.

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, 20.005, 54.934

Protanopia

88, 14.132, 91.903

Deuteranopia

88, 19.676, 57.382



Tritanopia
88, 18.320, 357.471

Trichromacy



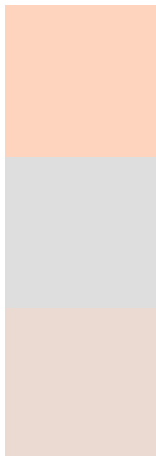
Original Color
88, 20.005, 54.934

Protanomaly
88, 15.071, 75.285

Deuteranomaly
88, 19.676, 57.382

Tritanomaly
88, 16.820, 18.876

Monochromacy



Original Color
88, 20.005, 54.934

Achromatopsia
88, 0.011, 296.813

Achromatomaly
88, 7.217, 54.813

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 20.005, 54.934 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, 212, 190)` looks like.

```
.text, #text, p{  
    color:rgb(254, 212, 190)  
}
```

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, 212, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 212, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 20.005, 54.934 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, 212, 190) }
```

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

```
.border{ border-color:rgb(254, 212, 190) }
```

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

Here you see how a box with a 4 pixel rgb(254, 212, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 212, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 212, 190);  
box-shadow:4px 4px 4px 4px rgb(254, 212,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 20.005, 54.934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 212, 190) }
```

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

```
.background{ background-color: rgb(254,  
212, 190) }
```

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