

Converting Colors

CIELCh(93, 34.387, 45.602)

Have a look what the booklet for
CIELCh(93, 34.387, 45.602) contains.

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Color

CIELCh(89, 20.813, 63.960)

Conversions

Conversions Part 1

Format	Color
Hex	FED8BC
RGB	254, 216, 188
RGB Percent	100%, 85%, 74%
CMY	0.0021, 0.1511, 0.2608
CMYK	0.00, 0.15, 0.26, 0.00
HSL	25°, 98%, 87%
HSV	25°, 26%, 100%
XYZ	74.8468, 74.1641, 58.2238
YIQ	224.1700, 31.6360, -0.6520

Conversions

Conversions Part 2

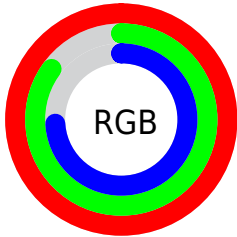
Format	Color
RYB	254, 237, 188
Decimal	16701628
CIELab	89.00, 9.14, 18.70
CIELCh	89, 20.813, 63.960
Yxy	74.1641, 0.3612, 0.3579
Android (android.graphics.Color)	4294891708 (0xFF FED8BC)
YUV	224.1700, -17.8318, 26.1609
Hunter-Lab	86.1186, 4.4291, 20.1977

Details

The CIELCh color **89, 20.813, 63.960** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **88, 18.726, 250.469**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 5.566, 109.748**, and **69, 20.831, 62.882** is the 20% darker color. If you saturate the color by 10%, you get **85, 29.746, 62.914**, and if you desaturate by 10%, it is **93, 12.401, 65.035**.

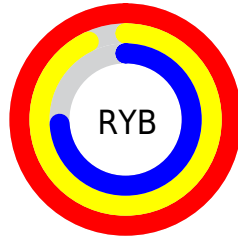
Distribution



Red (100%)

Green (85%)

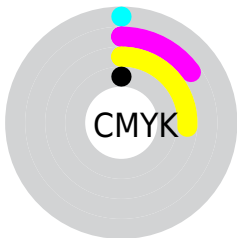
Blue (74%)



Red (100%)

Yellow (93%)

Blue (74%)

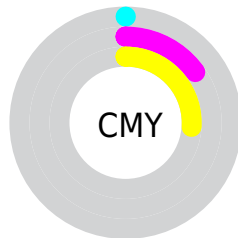


Cyan (0%)

Magenta (15%)

Yellow (26%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 20.813, 63.960 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 89, 20.813, 63.960 by changing the saturation by 10% instead.

 89, 20.813, 63.960

 89, 20.813, 63.960

 100, 20.813,
63.960

 79, 20.813, 63.960

 69, 20.813, 63.960

 59, 20.813, 63.960

 49, 20.813, 63.960

 39, 20.813, 63.960

 29, 20.813, 63.960

 19, 20.813, 63.960

 9, 20.813, 63.960

 0, 20.813, 63.960

89, 20.813, 63.960

89, 20.813, 63.960

85, 29.746, 62.914

93, 12.401, 65.035

81, 39.211, 61.883

97, 4.476, 66.054

77, 49.164, 60.875

100, 0.189,
202.893

74, 59.453, 59.855

70, 69.702, 58.729

67, 79.115, 57.269

64, 86.356, 55.056

63, 88.734, 54.013

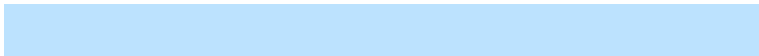
Harmonies

Complementary

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



89, 20.813, 63.960



88, 18.726, 250.469

Rectangle

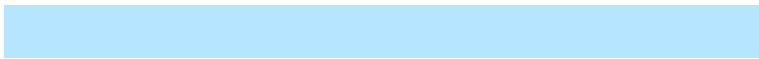
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 20.813, 63.960



89, 20.813, 113.960



89, 20.813, 243.960



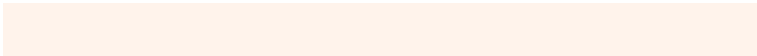
89, 20.813, 293.960

Sweetspot

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



89, 20.813, 63.969



97, 6.094, 65.857



83, 31.112, 341.574



51, 4.351, 65.707



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



89, 20.813, 63.969



87, 25.326, 63.430



97, 30.654, 103.865



51, 4.351, 65.707



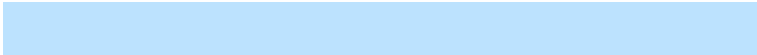
48, 71.211, 54.704



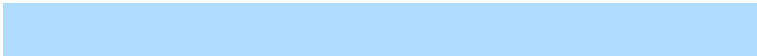
15, 27.284, 54.459

Inverse Universe

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



88, 18.726, 250.469



86, 22.254, 251.413



80, 32.258, 289.895



51, 4.204, 248.014



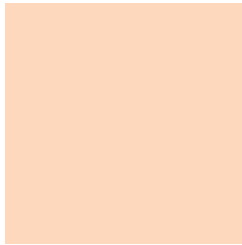
46, 49.969, 275.708



14, 20.740, 268.631

Previews

White Background



This preview shows how the CIELCh color 89, 20.813, 63.960 looks on a white background.

Color Contrast Check

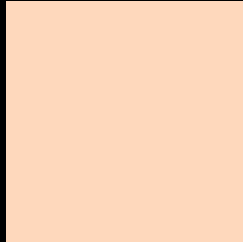
Large Text (above 18pt) WCAG AA × Fail

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 89, 20.813, 63.960 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 89, 20.813, 63.960

Background



This preview shows how black text looks on a background with the CIELCh color 89, 20.813, 63.960.



This preview shows how white text looks on a background with the CIELCh color 89, 20.813, 63.960.

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

89, 20.835, 63.950

Protanopia

89, 16.697, 92.964

Deuteranopia

89, 19.650, 59.203



Tritanopia
89, 16.913, 355.303

Trichromacy



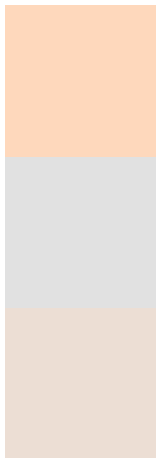
Original Color
89, 20.835, 63.950

Protanomaly
89, 17.542, 81.578

Deuteranomaly
89, 20.008, 60.263

Tritanomaly
89, 15.290, 22.418

Monochromacy



Original Color
89, 20.835, 63.950

Achromatopsia
90, 0.011, 296.813

Achromatomaly
89, 7.302, 64.747

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 20.813, 63.960 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, 216, 188)` looks like.

```
.text, #text, p{  
    color:rgb(254, 216, 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, 216, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 216, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 20.813, 63.960 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, 216, 188) }
```

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

```
.border{ border-color:rgb(254, 216, 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, 216, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 216, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 216, 188);  
box-shadow:4px 4px 4px 4px rgb(254, 216,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 20.813, 63.960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 216, 188) }
```

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

```
.background{ background-color: rgb(254,  
216, 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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