

Converting Colors

CIELCh(84, 20.585, 55.970)

Have a look what the booklet for
CIELCh(84, 20.585, 55.970) contains.

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Color

CIELCh(84, 20.589, 55.965)

Conversions

Conversions Part 1

Format	Color
Hex	F3C9B2
RGB	243, 201, 178
RGB Percent	95%, 79%, 70%
CMY	0.0469, 0.2116, 0.3018
CMYK	0.00, 0.17, 0.27, 0.05
HSL	21°, 73%, 83%
HSV	21°, 27%, 95%
XYZ	65.9082, 64.0658, 51.0292
YIQ	210.9360, 32.4150, 1.7510

Conversions

Conversions Part 2

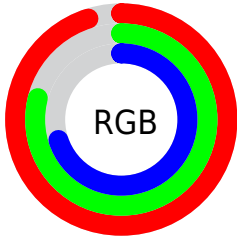
Format	Color
R _Y B	243, 214, 178
Decimal	15976882
CIE Lab	84.00, 11.52, 17.06
CIE LCh	84, 20.589, 55.965
Yxy	64.0658, 0.3641, 0.3539
Android (android.graphics.Color)	4294166962 (0xFFFF3C9B2)
YUV	210.9360, -16.2374, 28.1201
Hunter-Lab	80.0411, 6.9102, 18.2292

Details

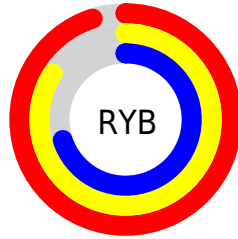
The CIELCh color **84, 20.589, 55.965** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86, 17.893, 241.451**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 10.630, 109.373**, and **64, 20.716, 56.300** is the 20% darker color. If you saturate the color by 10%, you get **80, 29.331, 55.232**, and if you desaturate by 10%, it is **88, 12.438, 56.765**.

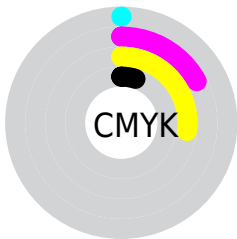
Distribution



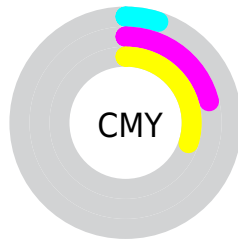
- Red (95%)
- Green (79%)
- Blue (70%)



- Red (95%)
- Yellow (84%)
- Blue (70%)



- Cyan (0%)
- Magenta (17%)
- Yellow (27%)
- Black (5%)



- Cyan (5%)
- Magenta (21%)
- Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 20.589, 55.965 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 84, 20.589, 55.965 by changing the saturation by 10% instead.

 84, 20.589, 55.965

 84, 20.589, 55.965

 100, 20.589,
55.965

 74, 20.589, 55.965

 64, 20.589, 55.965

 54, 20.589, 55.965

 44, 20.589, 55.965

 34, 20.589, 55.965

 24, 20.589, 55.965

 14, 20.589, 55.965

 4, 20.589, 55.965

 0, 20.589, 55.965

84, 20.589, 55.965

84, 20.589, 55.965

80, 29.331, 55.232

88, 12.438, 56.765

76, 38.687, 54.562

93, 4.837, 57.548

72, 48.623, 53.966

97, 2.267, 238.783

68, 59.005, 53.417

99, 4.129, 199.304

64, 69.481, 52.819

61, 79.257, 51.920

59, 86.920, 50.238

58, 89.066, 49.648

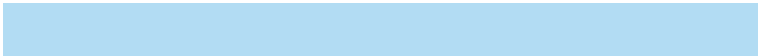
Harmonies

Complementary

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



84, 20.589, 55.965



86, 17.893, 241.451

Rectangle

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



84, 20.589, 55.965



84, 20.589, 105.965



84, 20.589, 235.965



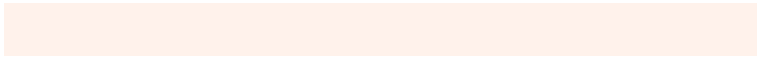
84, 20.589, 285.965

Sweetspot

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



84, 20.588, 55.974



96, 5.992, 57.456



80, 32.342, 338.430



51, 4.281, 57.341



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



84, 20.588, 55.974



85, 26.112, 55.570



92, 28.553, 100.251



49, 4.139, 57.344



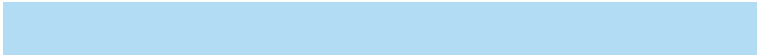
45, 72.480, 50.260



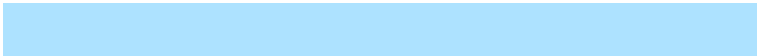
12, 25.454, 47.261

Inverse Universe

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



86, 17.893, 241.451



87, 21.974, 242.328



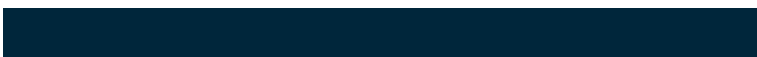
77, 29.751, 286.832



49, 3.959, 239.256



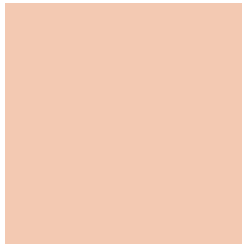
48, 42.501, 265.505



14, 17.389, 257.466

Previews

White Background



This preview shows how the CIELCh color 84, 20.589, 55.965 looks on a white background.

Color Contrast Check

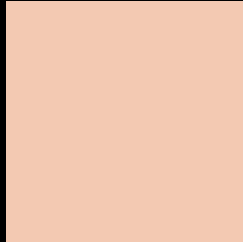
Large Text (above 18pt) WCAG AA × Fail

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 84, 20.589, 55.965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

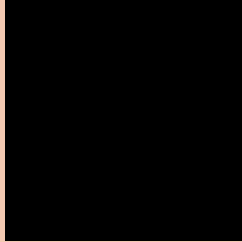
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 20.589, 55.965

Background



This preview shows how black text looks on a background with the CIELCh color 84, 20.589, 55.965.



This preview shows how white text looks on a background with the CIELCh color 84, 20.589, 55.965.

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

84, 20.589, 55.965

Protanopia

84, 14.776, 92.336

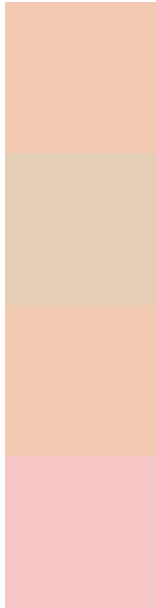
Deuteranopia

84, 19.953, 59.080



Tritanopia
84, 20.439, 358.495

Trichromacy



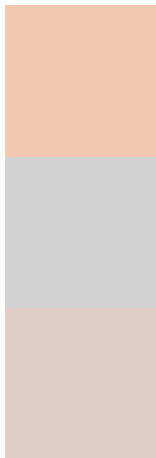
Original Color
84, 20.589, 55.965

Protanomaly
84, 15.682, 76.158

Deuteranomaly
84, 20.268, 58.381

Tritanomaly
84, 18.191, 19.166

Monochromacy



Original Color
84, 20.589, 55.965

Achromatopsia
85, 0.010, 296.813

Achromatomaly
84, 7.295, 54.779

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 20.589, 55.965 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(243, 201, 178)` looks like.

```
.text, #text, p{  
    color:rgb(243, 201, 178)  
}
```

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(243, 201, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 201, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 20.589, 55.965 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(243, 201, 178) }
```

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

```
.border{ border-color:rgb(243, 201, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 201, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 201, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 201, 178); box-shadow:4px 4px 4px 4px rgb(243, 201, 178) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 20.589, 55.965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 201, 178) }
```

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

```
.background{ background-color: rgb(243,  
201, 178) }
```

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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