

Converting Colors

CIELCh(88, 16.378, 54.756)

Have a look what the booklet for
CIELCh(88, 16.378, 54.756) contains.

CIELCh(88, 16.395, 54.750)	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, 16.395, 54.750)

Conversions

Conversions Part 1

Format	Color
Hex	F9D6C4
RGB	249, 214, 196
RGB Percent	98%, 84%, 77%
CMY	0.0244, 0.1616, 0.2322
CMYK	0.00, 0.14, 0.21, 0.02
HSL	20°, 81%, 87%
HSV	20°, 21%, 98%
XYZ	72.9256, 72.0653, 62.1696
YIQ	222.4130, 26.6380, 1.8220

Conversions

Conversions Part 2

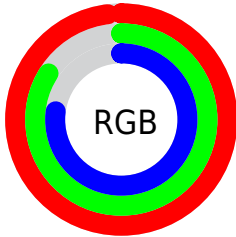
Format	Color
R _Y B	249, 223, 196
Decimal	16373444
CIE Lab	88.00, 9.46, 13.39
CIE LCh	88, 16.395, 54.750
Yxy	72.0653, 0.3520, 0.3479
Android (android.graphics.Color)	4294563524 (0xFFFF9D6C4)
YUV	222.4130, -13.0216, 23.3168
Hunter-Lab	84.8913, 4.7801, 16.0032

Details

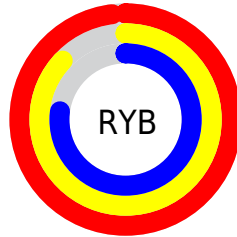
The CIELCh color **88, 16.395, 54.750** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90, 14.638, 238.784**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 1.003, 110.026**, and **68, 16.503, 54.479** is the 20% darker color. If you saturate the color by 10%, you get **84, 25.000, 54.056**, and if you desaturate by 10%, it is **93, 8.387, 55.502**.

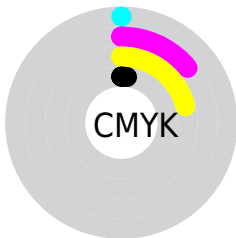
Distribution



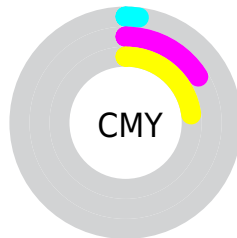
- Red (98%)
- Green (84%)
- Blue (77%)



- Red (98%)
- Yellow (87%)
- Blue (77%)



- Cyan (0%)
- Magenta (14%)
- Yellow (21%)
- Black (2%)



- Cyan (2%)
- Magenta (16%)
- Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 16.395, 54.750 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, 16.395, 54.750 by changing the saturation by 10% instead.

 88, 16.395, 54.750

 88, 16.395, 54.750

 100, 16.395,
54.750

 78, 16.395, 54.750

 68, 16.395, 54.750

 58, 16.395, 54.750

 48, 16.395, 54.750

 38, 16.395, 54.750

 28, 16.395, 54.750

 18, 16.395, 54.750

 8, 16.395, 54.750

 0, 16.395, 54.750

88, 16.395, 54.750

88, 16.395, 54.750

84, 25.000, 54.056

93, 8.387, 55.502

79, 34.241, 53.423

97, 0.926, 55.770

75, 44.120, 52.875

100, 2.155,
199.576

71, 54.567, 52.409

67, 65.364, 51.974

64, 75.980, 51.413

61, 85.297, 50.359

59, 91.423, 48.816

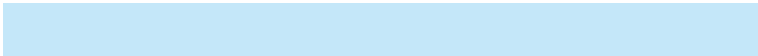
Harmonies

Complementary

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



88, 16.395, 54.750



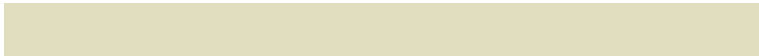
90, 14.638, 238.784

Rectangle

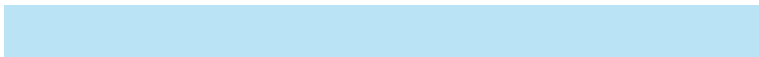
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88, 16.395, 54.750



88, 16.395, 104.750



88, 16.395, 234.750



88, 16.395, 284.750

Sweetspot

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



88, 16.395, 54.761



97, 4.458, 55.867



85, 26.516, 337.229



51, 2.964, 55.827



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, 16.395, 54.761



88, 20.777, 54.420



94, 22.790, 99.921



50, 4.208, 55.633



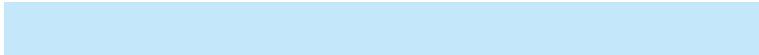
45, 73.821, 49.424



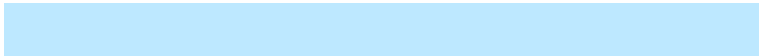
13, 26.841, 46.521

Inverse Universe

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



90, 14.638, 238.784



90, 18.029, 239.440



83, 23.468, 285.100



50, 4.016, 237.451



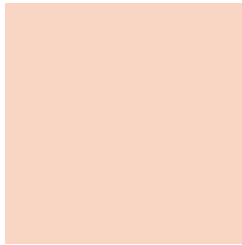
50, 41.838, 263.234



15, 17.594, 255.623

Previews

White Background



This preview shows how the CIELCh color 88, 16.395, 54.750 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 88, 16.395, 54.750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

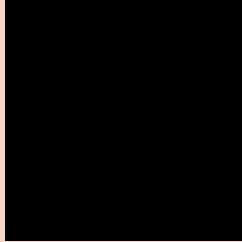
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 16.395, 54.750

Background



This preview shows how black text looks on a background with the CIELCh color 88, 16.395, 54.750.



This preview shows how white text looks on a background with the CIELCh color 88, 16.395, 54.750.

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, 16.395, 54.750

Protanopia

88, 11.533, 90.271

Deuteranopia

88, 17.093, 51.201



Tritanopia
88, 17.955, 351.319

Trichromacy



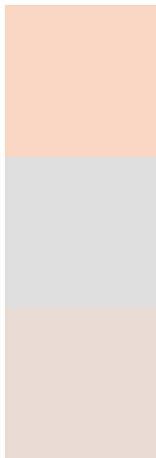
Original Color
88, 16.395, 54.750

Protanomaly
88, 12.646, 74.711

Deuteranomaly
88, 16.758, 51.875

Tritanomaly
88, 14.950, 12.542

Monochromacy



Original Color
88, 16.395, 54.750

Achromatopsia
88, 0.011, 296.813

Achromatomaly
88, 5.991, 56.940

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 16.395, 54.750 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(249, 214, 196)` looks like.

```
.text, #text, p{  
    color:rgb(249, 214, 196)  
}
```

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(249, 214, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 214, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 16.395, 54.750 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(249, 214, 196) }
```

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

```
.border{ border-color:rgb(249, 214, 196) }
```

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

Here you see how a box with a 4 pixel rgb(249, 214, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 214, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 214, 196);  
box-shadow:4px 4px 4px 4px rgb(249, 214,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 16.395, 54.750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 214, 196) }
```

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

```
.background{ background-color: rgb(249,  
214, 196) }
```

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