

Converting Colors

CIELCh(88, 17.587, 22.708)

Have a look what the booklet for
CIELCh(88, 17.587, 22.708) contains.

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Color

CIELCh(88, 16.944, 24.115)

Conversions

Conversions Part 1

Format	Color
Hex	FFD2D0
RGB	255, 210, 208
RGB Percent	100%, 82%, 82%
CMY	0.0000, 0.1756, 0.1835
CMYK	0.00, 0.18, 0.18, 0.00
HSL	3°, 100%, 91%
HSV	3°, 18%, 100%
XYZ	75.8325, 72.0653, 69.7249
YIQ	223.2270, 27.4620, 8.9180

Conversions

Conversions Part 2

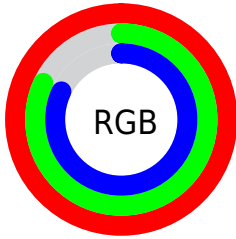
Format	Color
R _Y B	255, 210, 208
Decimal	16765648
CIE Lab	88.00, 15.47, 6.92
CIE LCh	88, 16.944, 24.115
Yxy	72.0653, 0.3485, 0.3311
Android (android.graphics.Color)	4294955728 (0xFFFFD2D0)
YUV	223.2270, -7.5069, 27.8649
Hunter-Lab	84.8913, 10.8924, 10.7264

Details

The CIELCh color **88, 16.944, 24.115** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 14.898, 202.491**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 17.187, 22.794** is the 20% darker color. If you saturate the color by 10%, you get **82, 27.115, 24.998**, and if you desaturate by 10%, it is **94, 7.362, 23.452**.

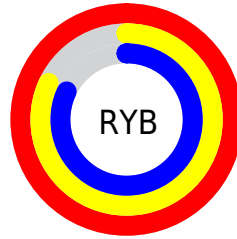
Distribution



Red (100%)

Green (82%)

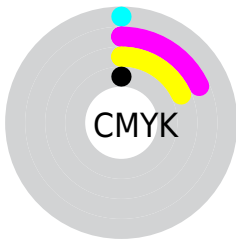
Blue (82%)



Red (100%)

Yellow (82%)

Blue (82%)

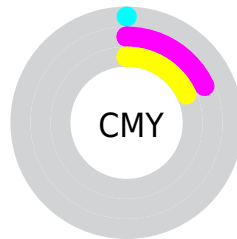


Cyan (0%)

Magenta (18%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 16.944, 24.115 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, 16.944, 24.115 by changing the saturation by 10% instead.

 88, 16.944, 24.115

 88, 16.944, 24.115

 100, 16.944,
24.115

 78, 16.944, 24.115

 68, 16.944, 24.115

 58, 16.944, 24.115

 48, 16.944, 24.115

 38, 16.944, 24.115

 28, 16.944, 24.115

 18, 16.944, 24.115

 8, 16.944, 24.115

 0, 16.944, 24.115

88, 16.944, 24.115

88, 16.944, 24.115

82, 27.115, 24.998

94, 7.362, 23.452

76, 38.119, 26.140

100, 0.012,
296.813

70, 49.775, 27.653

65, 61.882, 29.627

61, 74.112, 32.123

57, 85.935, 35.064

55, 96.314, 38.009

54, 103.197,
39.984

53, 104.063,
40.301

Harmonies

Complementary

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



88, 16.944, 24.115



96, 14.898, 202.491

Rectangle

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



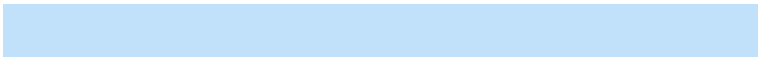
88, 16.944, 24.115



88, 16.944, 74.115



88, 16.944, 204.115



88, 16.944, 254.115

Sweetspot

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



88, 16.856, 24.135



96, 5.241, 23.292



89, 28.679, 326.363



51, 3.486, 23.338



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

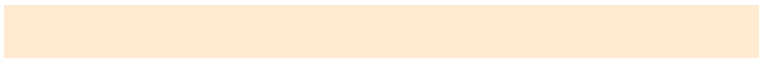
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88, 16.856, 24.135



86, 20.514, 24.423



94, 15.230, 76.578



50, 5.038, 23.527



40, 83.641, 40.432



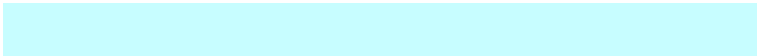
10, 32.506, 29.269

Inverse Universe

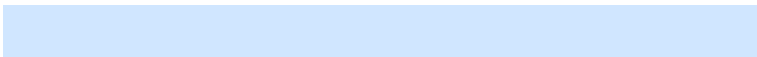
The Inverse Universe completely reimagines the original color for something new.



96, 14.898, 202.491



96, 17.649, 202.373



90, 14.657, 261.624



52, 4.737, 202.838



68, 38.090, 203.440



23, 17.637, 202.543

Previews

White Background



This preview shows how the CIELCh color 88, 16.944, 24.115 looks on a white background.

Color Contrast Check

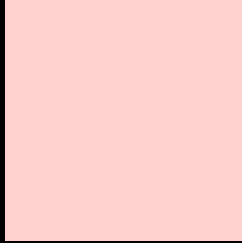
Large Text (above 18pt) WCAG AA × Fail

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, 16.944, 24.115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

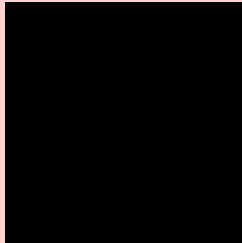
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 16.944, 24.115

Background



This preview shows how black text looks on a background with the CIELCh color 88, 16.944, 24.115.

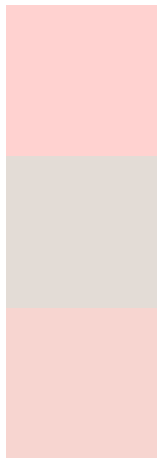


This preview shows how white text looks on a background with the CIELCh color 88, 16.944, 24.115.

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, 16.944, 24.115

Protanopia

88, 4.013, 70.368

Deuteranopia

88, 12.991, 31.752



Tritanopia
88, 18.508, 355.975

Trichromacy



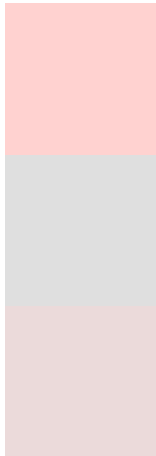
Original Color
88, 16.944, 24.115

Protanomaly
88, 8.019, 34.874

Deuteranomaly
88, 14.401, 28.649

Tritanomaly
88, 17.590, 5.378

Monochromacy



Original Color
88, 16.944, 24.115

Achromatopsia
89, 0.011, 296.813

Achromatomaly
88, 6.199, 19.758

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 16.944, 24.115 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(255, 210, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 208)  
}
```

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(255, 210, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 16.944, 24.115 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(255, 210, 208) }
```

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

```
.border{ border-color:rgb(255, 210, 208) }
```

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

Here you see how a box with a 4 pixel rgb(255, 210, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 208);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 16.944, 24.115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 208) }
```

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

```
.background{ background-color: rgb(255,  
210, 208) }
```

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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