

Converting Colors

CIELCh(89, 22.523, 12.644)

Have a look what the booklet for
CIELCh(89, 22.523, 12.644) contains.

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Color

CIELCh(88, 17.332, 10.391)

Conversions

Conversions Part 1

Format	Color
Hex	FFD1D7
RGB	255, 209, 215
RGB Percent	100%, 82%, 84%
CMY	0.0000, 0.1788, 0.1553
CMYK	0.00, 0.18, 0.16, 0.00
HSL	352°, 100%, 91%
HSV	352°, 18%, 100%
XYZ	76.6114, 72.0653, 74.4340
YIQ	223.4380, 25.4900, 11.6180

Conversions

Conversions Part 2

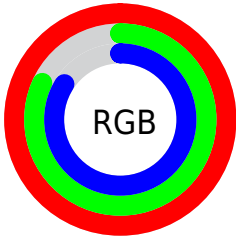
Format	Color
R _Y B	255, 209, 215
Decimal	16765399
CIE _{Lab}	88.00, 17.05, 3.13
CIE _{LCh}	88, 17.332, 10.391
Y _{xy}	72.0653, 0.3434, 0.3230
Android (android.graphics.Color)	4294955479 (0xFFFFD1D7)
YUV	223.4380, -4.1599, 27.6799
Hunter-Lab	84.8913, 12.5304, 7.4375

Details

The CIELCh color **88, 17.332, 10.391** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **97, 15.728, 187.153**, 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, 17.602, 10.391** is the 20% darker color. If you saturate the color by 10%, you get **81, 27.562, 11.553**, and if you desaturate by 10%, it is **95, 7.339, 9.212**.

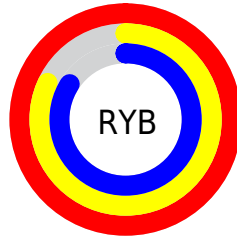
Distribution



Red (100%)

Green (82%)

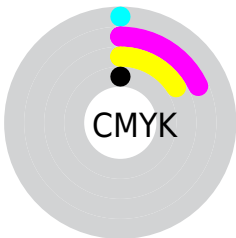
Blue (84%)



Red (100%)

Yellow (82%)

Blue (84%)

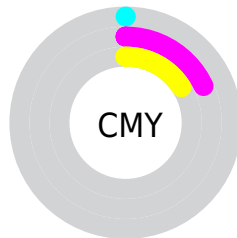


Cyan (0%)

Magenta (18%)

Yellow (16%)

Black (0%)



Cyan (0%)

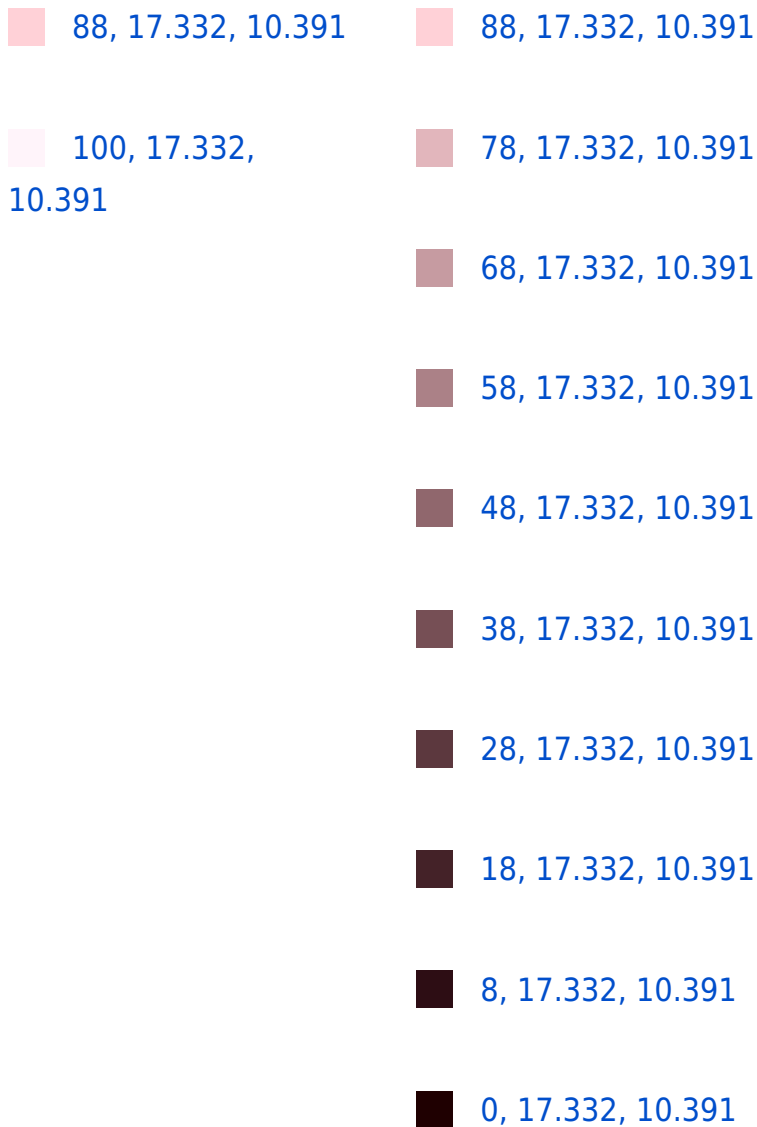
Magenta (18%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 17.332, 10.391 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, 17.332, 10.391 by changing the saturation by 10% instead.



88, 17.332, 10.391

88, 17.332, 10.391

81, 27.562, 11.553

95, 7.339, 9.212

75, 38.404, 13.110

100, 0.012,
296.813

70, 49.500, 15.066

64, 60.540, 17.554

60, 71.132, 20.718

57, 80.894, 24.658

55, 89.559, 29.305

54, 96.889, 34.173

53, 98.304, 35.083

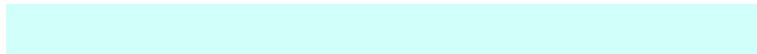
Harmonies

Complementary

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



88, 17.332, 10.391



97, 15.728, 187.153

Rectangle

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



88, 17.332, 10.391



88, 17.332, 60.391



88, 17.332, 190.391



88, 17.332, 240.391

Sweetspot

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



88, 17.173, 10.288



97, 4.616, 8.898



89, 27.506, 321.605



51, 3.156, 8.978



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

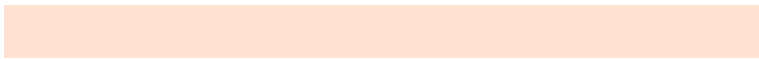
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88, 17.173, 10.288



86, 20.359, 10.657



92, 13.874, 58.160



50, 5.322, 9.381



40, 78.421, 34.218



10, 32.394, 21.798

Inverse Universe

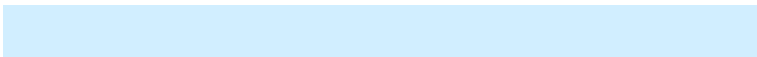
The Inverse Universe completely reimagines the original color for something new.



88, 17.173, 10.288



86, 20.359, 10.657



93, 12.725, 241.869



50, 5.322, 9.381



40, 78.421, 34.218



10, 32.394, 21.798

Previews

White Background



This preview shows how the CIELCh color 88, 17.332, 10.391 looks on a white background.

Color Contrast Check

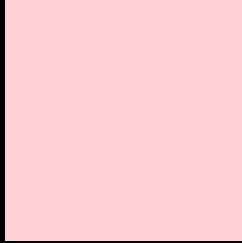
Large Text (above 18pt) WCAG AA × Fail

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, 17.332, 10.391 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, 17.332, 10.391

Background



This preview shows how black text looks on a background with the CIELCh color 88, 17.332, 10.391.

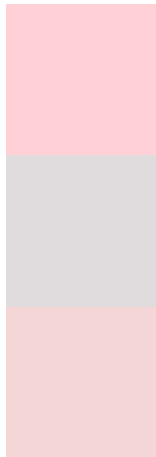


This preview shows how white text looks on a background with the CIELCh color 88, 17.332, 10.391.

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, 17.332, 10.391

Protanopia

88, 1.540, 359.332

Deuteranopia

88, 11.077, 17.491



Tritanopia
88, 19.056, 355.051

Trichromacy



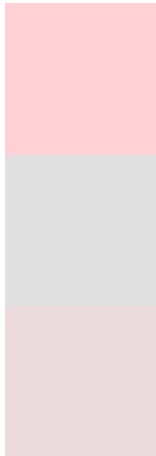
Original Color
88, 17.332, 10.391

Protanomaly
88, 7.101, 7.161

Deuteranomaly
88, 13.397, 13.711

Tritanomaly
88, 17.985, 0.553

Monochromacy



Original Color
88, 17.332, 10.391

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 5.906, 9.612

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 17.332, 10.391 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, 209, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 215)  
}
```

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, 209, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 17.332, 10.391 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, 209, 215) }
```

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

```
.border{ border-color:rgb(255, 209, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 209, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 17.332, 10.391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 209, 215) }
```

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

```
.background{ background-color: rgb(255,  
209, 215) }
```

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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