

Converting Colors

CIELCh(88, 20.190, 321.079)

Have a look what the booklet for
CIELCh(88, 20.190, 321.079)
contains.

CIELCh(88, 19.904, 320.854)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(88, 19.904, 320.854)

Conversions

Conversions Part 1

Format	Color
Hex	F0D4F5
RGB	240, 212, 245
RGB Percent	94%, 83%, 96%
CMY	0.0596, 0.1693, 0.0400
CMYK	0.02, 0.13, 0.00, 0.04
HSL	291°, 62%, 90%
HSV	291°, 13%, 96%
XYZ	75.8183, 72.0653, 96.1458
YIQ	224.1340, 6.0950, 16.1990

Conversions

Conversions Part 2

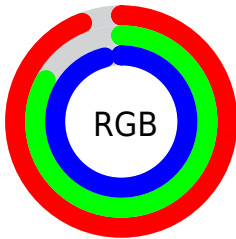
Format	Color
R _Y B	240, 212, 245
Decimal	15783157
CIE Lab	88.00, 15.44, -12.57
CIE LCh	88, 19.904, 320.854
Yxy	72.0653, 0.3107, 0.2953
Android (android.graphics.Color)	4293973237 (0xFFFF0D4F5)
YUV	224.1340, 10.2869, 13.9145
Hunter-Lab	84.8913, 10.8626, -7.7265

Details

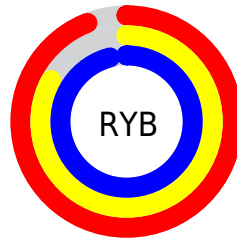
The CIELCh color **88, 19.904, 320.854** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **94, 19.795, 139.573**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 20.281, 320.865** is the 20% darker color. If you saturate the color by 10%, you get **82, 34.857, 321.326**, and if you desaturate by 10%, it is **94, 5.096, 320.350**.

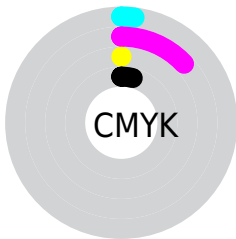
Distribution



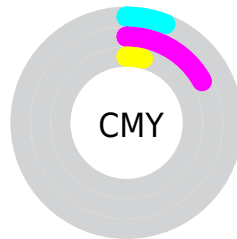
- Red (94%)
- Green (83%)
- Blue (96%)



- Red (94%)
- Yellow (83%)
- Blue (96%)



- Cyan (2%)
- Magenta (13%)
- Yellow (0%)
- Black (4%)





- Cyan (6%)
- Magenta (17%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 19.904, 320.854 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, 19.904, 320.854 by changing the saturation by 10% instead.


 88, 19.904,
320.854


 88, 19.904,
320.854


 100, 19.904,
320.854


 78, 19.904,
320.854

 68, 19.904,
320.854

 58, 19.904,
320.854

 48, 19.904,
320.854

 38, 19.904,
320.854

 28, 19.904,
320.854

 18, 19.904,

320.854

■ 8, 19.904, 320.854

■ 0, 19.904, 320.854

■ 88, 19.904,
320.854

■ 88, 19.904,
320.854

■ 82, 34.857,
321.326

■ 94, 5.096, 320.350

■ 99, 5.875, 137.546

■ 76, 49.745,
321.781

■ 99, 5.372, 125.272

■ 71, 64.241,
322.198

■ 100, 5.160,
111.165

■ 65, 77.888,
322.551

■ 100, 5.157,
109.778

■ 61, 90.097,

322.804

■ 57, 100.204,
322.920

■ 54, 107.602,
322.861

■ 53, 111.965,
322.603

■ 52, 113.481,
322.343

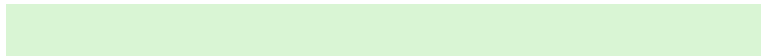
Harmonies

Complementary

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



88, 19.904, 320.854



94, 19.795, 139.573

Rectangle

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



88, 19.904, 320.854



88, 19.904, 10.854



88, 19.904, 140.854



88, 19.904, 190.854

Sweetspot

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



88, 19.901, 320.854



97, 6.062, 320.382



87, 14.475, 283.980



52, 4.310, 320.423



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, 19.901, 320.854



90, 24.465, 320.976



88, 16.488, 336.612



48, 8.367, 320.661



39, 92.362, 322.438



9, 40.968, 323.175

Inverse Universe

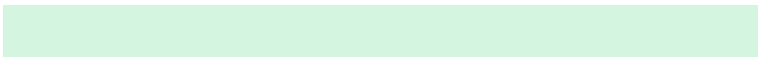
The Inverse Universe completely reimagines the original color for something new.



88, 12.410, 8.235



89, 15.343, 8.519



94, 16.364, 154.680



48, 5.172, 7.808



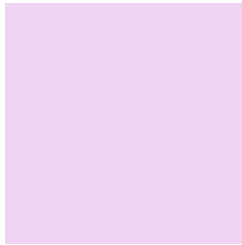
39, 75.777, 32.878



8, 30.195, 18.821

Previews

White Background



This preview shows how the CIELCh color 88, 19.904, 320.854 looks on a white background.

Color Contrast Check

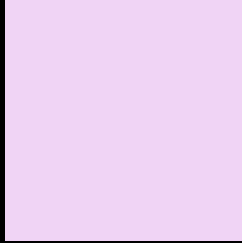
Large Text (above 18pt) WCAG AA × Fail

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, 19.904, 320.854 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, 19.904, 320.854

Background



This preview shows how black text looks on a background with the CIELCh color 88, 19.904, 320.854.



This preview shows how white text looks on a background with the CIELCh color 88, 19.904, 320.854.

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, 19.904, 320.854

Protanopia

88, 16.212, 287.934

Deuteranopia

88, 16.223, 311.364



Tritanopia
88, 12.389, 334.609

Trichromacy



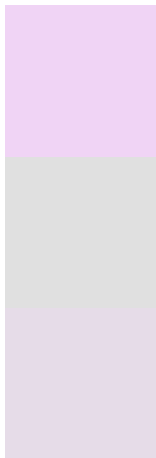
Original Color
88, 19.904, 320.854

Protanomaly
88, 17.075, 301.912

Deuteranomaly
88, 17.240, 315.176

Tritanomaly
88, 15.202, 328.361

Monochromacy



Original Color
88, 19.904, 320.854

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 7.234, 320.000

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 19.904, 320.854 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(240, 212, 245)` looks like.

```
.text, #text, p{  
    color:rgb(240, 212, 245)  
}
```

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(240, 212, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 212, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 19.904, 320.854 is called "border". The border property can be set on classes, ids or directly on the HTML element.

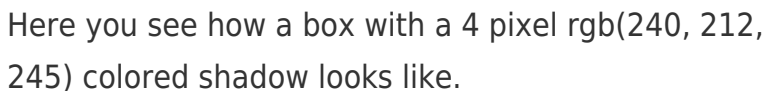
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(240, 212, 245) }
```

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

```
.border{ border-color:rgb(240, 212, 245) }
```

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



Here you see how a box with a 4 pixel `rgb(240, 212, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(240, 212, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(240, 212, 245); box-shadow:4px 4px 4px 4px rgb(240, 212, 245) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 19.904, 320.854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 212, 245) }
```

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

```
.background{ background-color: rgb(240,  
212, 245) }
```

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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