Converting Colors

CIELCh(88, 31.866, 325.533)

Have a look what the booklet for CIELCh(88, 31.866, 325.533) contains.

Color

CIELCh(88, 31.354, 325.516)

Conversions

Conversions Part 1

Format	Color
Hex	FFCDFF
RGB	255, 205, 255
RGB Percent	100%, 80%, 100%
CMY	0.0004, 0.1965, 0.0004
CMYK	0.00, 0.20, 0.00, 0.00
HSL	300°, 100%, 90%
HSV	300°, 20%, 100%
XYZ	81.0391, 72.0653, 104.1550
YIQ	225.6500, 13.7500, 26.1500

Conversions

Conversions Part 2

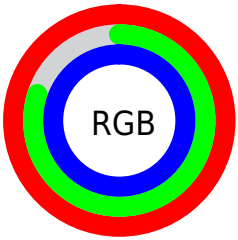
Format	Color
RYB	255, 205, 255
Decimal	16764415
CIELab	88.00, 25.84, -17.75
CIELCh	88, 31.354, 325.516
Yxy	72.0653, 0.3150, 0.2801
Android (android.graphics.Color)	4294954495 (0xFFFFCDFF)
YUV	225.6500, 14.4696, 25.7400
Hunter-Lab	84.8913, 21.8403, -13.3204

Details

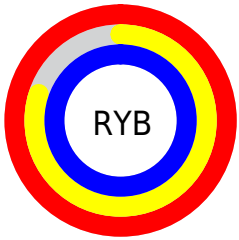
The CIELCh color 88, 31.354, 325.516 is a light color, and the websafe version is hex FFCCFF. A complement of this color would be 96, 31.329, 143.177, and the grayscale version is 90, 0.011, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 68, 31.572, 325.751 is the 20% darker color. If you saturate the color by 10%, you get 82, 47.267, 326.060, and if you desaturate by 10%, it is 94, 15.309, 324.953.

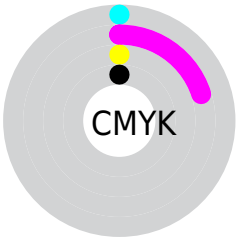
Distribution



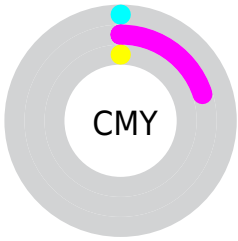
- Red (100%)
- Green (80%)
- Blue (100%)



- Red (100%)
- Yellow (80%)
- Blue (100%)



- Cyan (0%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (0%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 31.354, 325.516 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, 31.354, 325.516 by changing the saturation by 10% instead.

88, 31.354, 325.516

100, 31.354, 325.516

88, 31.354, 325.516

78, 31.354, 325.516

68, 31.354, 325.516

58, 31.354, 325.516

48, 31.354, 325.516

38, 31.354, 325.516

28, 31.354, 325.516

18, 31.354,

325.516

8, 31.354, 325.516

0, 31.354, 325.516

88, 31.354, 325.516

88, 31.354, 325.516

82, 47.267, 326.060

94, 15.309, 324.953

77, 62.684, 326.575

100, 0.056, 149.979

72, 77.107, 327.045

100, 0.056, 150.052

68, 89.939, 327.453

100, 0.056, 150.125

65, 100.551,

100, 0.056,

327.782 150.198

62, 108.412, 328.021 100, 0.056, 150.272

61, 113.270, 328.166 100, 0.056, 150.346

60, 115.465, 328.231 100, 0.056, 150.420

60, 115.530, 328.233 100, 0.055, 150.495

Harmonies

Complementary

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

88, 31.354, 325.516

96, 31.329, 143.177

Rectangle

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

88, 31.354, 325.516

88, 31.354, 15.516

88, 31.354, 145.516

88, 31.354, 195.516

Sweetspot

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

88, 31.351, 325.516

96, 9.538, 324.741

84, 26.414, 292.411

51, 6.329, 324.780

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, 31.351, 325.516

85, 38.382, 325.757

87, 22.250, 345.376

50, 9.057, 324.947

45, 93.082, 328.233

12, 42.822, 328.233

Inverse Universe

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

88, 31.351, 325.516

85, 38.382, 325.757

96, 21.704, 161.926

50, 9.057, 324.947

45, 93.082, 328.233

12, 42.822, 328.233

Previews

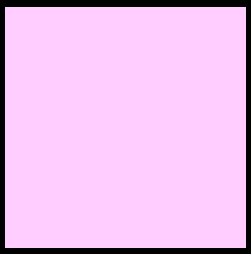
White Background

This preview shows how the CIELCh color 88, 31.354, 325.516 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



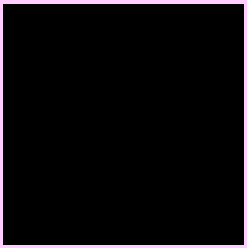
This preview shows how the CIELCh color 88, 31.354, 325.516 looks on a black background.

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, 31.354, 325.516 Background



This preview shows how black text looks on a background with the CIELCh color 88, 31.354, 325.516.

This preview shows how white text looks on a background with the CIELCh color 88, 31.354, 325.516.

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, 31.354, 325.516

Protanopia
88, 18.849, 286.655

Deuteranopia
88, 20.365, 303.302

Tritanopia
88, 17.065, 351.562

Trichromacy

Original Color
88, 31.354, 325.516

Protanomaly
88, 22.132, 305.150

Deuteranomaly
88, 24.300, 313.363

Tritanomaly
88, 21.810, 337.258

Monochromacy

Original Color
88, 31.354, 325.516

Achromatopsia
90, 0.011, 296.813

Achromatomaly
89, 12.024, 324.859

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 31.354, 325.516 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, 205, 255) looks like.

```
.text, #text, p{
    color:rgb(255, 205, 255)
}
```

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, 205, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 31.354, 325.516 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, 205, 255) }
```

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

```
.border{ border-color:rgb(255, 205, 255) }
```

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

Here you see how a box with a 4 pixel rgb(255, 205, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 205, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 205, 255); box-shadow:4px 4px 4px 4px rgb(255, 205, 255) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 31.354, 325.516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(255, 205, 255) }
```

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

```
.background{ background-color:rgb(255,
205, 255) }
```

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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