

Converting Colors

CIELCh(70, 45.640, 331.012)

Have a look what the booklet for
CIELCh(70, 45.640, 331.012)
contains.

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Color

CIELCh(70, 45.580, 331.078)

Conversions

Conversions Part 1

Format	Color
Hex	E091D4
RGB	224, 145, 212
RGB Percent	88%, 57%, 83%
CMY	0.1224, 0.4321, 0.1694
CMYK	0.00, 0.35, 0.05, 0.12
HSL	309°, 56%, 72%
HSV	309°, 35%, 88%
XYZ	52.6305, 40.7494, 67.2451
YIQ	176.2590, 25.5770, 37.5850

Conversions

Conversions Part 2

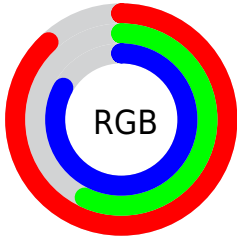
Format	Color
R _Y B	224, 145, 212
Decimal	14717396
CIE Lab	70.00, 39.90, -22.04
CIE LCh	70, 45.580, 331.078
Yxy	40.7494, 0.3277, 0.2537
Android (android.graphics.Color)	4292907476 (0xFFE091D4)
YUV	176.2590, 17.6203, 41.8689
Hunter-Lab	63.8353, 35.4567, -17.7724

Details

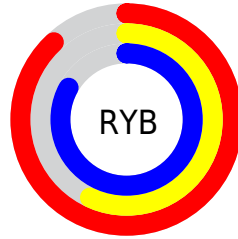
The CIELCh color `70, 45.580, 331.078` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `83, 45.506, 146.160`, and the grayscale version is `72, 0.009, 296.813`.

A 20% lighter version of the original color is `87, 34.496, 325.624`, and `50, 45.182, 331.006` is the 20% darker color. If you saturate the color by 10%, you get `65, 57.764, 331.720`, and if you desaturate by 10%, it is `75, 32.800, 330.441`.

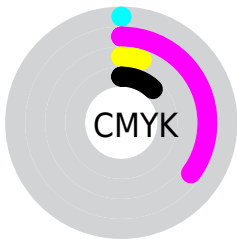
Distribution



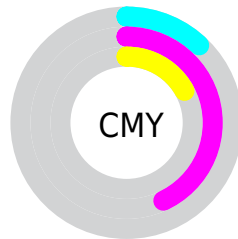
- Red (88%)
- Green (57%)
- Blue (83%)



- Red (88%)
- Yellow (57%)
- Blue (83%)



- Cyan (0%)
- Magenta (35%)
- Yellow (5%)
- Black (12%)





- Cyan (12%)
- Magenta (43%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 45.580, 331.078 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 70, 45.580, 331.078 by changing the saturation by 10% instead.


 70, 45.580,
331.078


 70, 45.580,
331.078


 100, 45.580,
331.078


 60, 45.580,
331.078


 90, 45.580,
331.078

 50, 45.580,
331.078

 40, 45.580,
331.078

 30, 45.580,
331.078

 20, 45.580,
331.078

 10, 45.580,
331.078

 0, 45.580, 331.078

70, 45.580,
331.078

70, 45.580,
331.078

65, 57.764,
331.720

75, 32.800,
330.441

61, 68.887,
332.365

80, 19.793,
329.811

58, 78.390,
333.013

86, 6.810, 329.172

55, 85.717,
333.673

92, 5.982, 148.685

53, 90.453,
334.362

97, 17.435,
148.396

52, 92.502,
335.104

97, 16.103,
152.227

51, 92.856,
335.471

97, 14.849,
156.705

97, 13.695,
161.953

■ 98, 12.668,
168.087

Harmonies

Complementary

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



70, 45.580, 331.078



83, 45.506, 146.160

Rectangle

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



70, 45.580, 331.078



70, 45.580, 21.078



70, 45.580, 151.078



70, 45.580, 201.078

Sweetspot

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



70, 45.577, 331.078



93, 15.793, 329.547



64, 44.351, 299.447



49, 10.620, 329.633



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 45.577, 331.078



75, 59.832, 331.528



69, 33.640, 356.576



44, 7.342, 329.443



40, 77.728, 335.337



7, 32.421, 334.002

Inverse Universe

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



70, 45.577, 331.078



75, 59.832, 331.528



84, 30.847, 169.001



44, 7.342, 329.443



40, 77.728, 335.337



7, 32.421, 334.002

Previews

White Background



This preview shows how the CIELCh color 70, 45.580, 331.078 looks on a white background.

Color Contrast Check

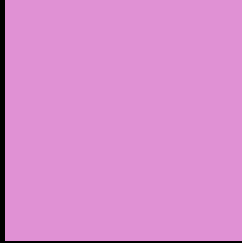
Large Text (above 18pt) WCAG AA × Fail

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 70, 45.580, 331.078 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 70, 45.580, 331.078

Background



This preview shows how black text looks on a background with the CIELCh color 70, 45.580, 331.078.

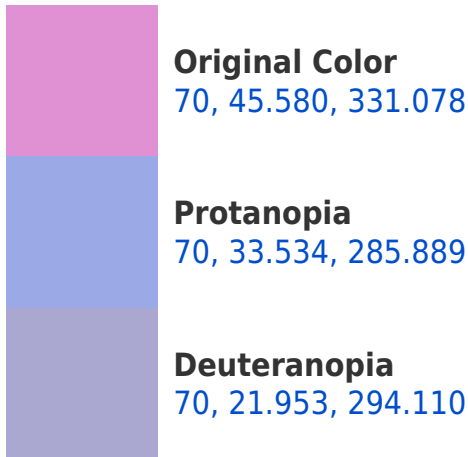



This preview shows how white text looks on a background with the CIELCh color 70, 45.580, 331.078.

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





Tritanopia
70, 25.839, 7.451

Trichromacy



Original Color
70, 45.580, 331.078



Protanomaly
70, 35.373, 304.301



Deuteranomaly
70, 28.969, 313.902

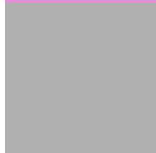


Tritanomaly
70, 31.125, 348.728

Monochromacy



Original Color
70, 45.580, 331.078



Achromatopsia
72, 0.009, 296.813



Achromatomaly
71, 16.748, 329.455

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 45.580, 331.078 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(224, 145, 212)` looks like.

```
.text, #text, p{  
    color:rgb(224, 145, 212)  
}
```

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(224, 145, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 145, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 45.580, 331.078 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(224, 145, 212) }
```

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

```
.border{ border-color:rgb(224, 145, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 145, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 145, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 145, 212);  
box-shadow:4px 4px 4px 4px rgb(224, 145,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 45.580, 331.078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 145, 212) }
```

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

```
.background{ background-color: rgb(224,  
145, 212) }
```

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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