

Converting Colors

CIELCh(60, 78.690, 330.116)

Have a look what the booklet for
CIELCh(60, 78.690, 330.116)
contains.

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Color

CIELCh(60, 78.925, 330.076)

Conversions

Conversions Part 1

Format	Color
Hex	E258D7
RGB	226, 88, 215
RGB Percent	89%, 35%, 84%
CMY	0.1130, 0.6542, 0.1562
CMYK	0.00, 0.61, 0.05, 0.11
HSL	305°, 71%, 62%
HSV	305°, 61%, 89%
XYZ	47.2150, 28.1233, 67.3483
YIQ	143.7400, 41.4810, 68.7530

Conversions

Conversions Part 2

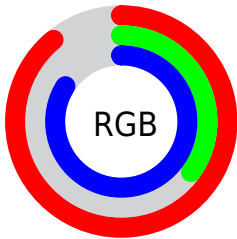
Format	Color
R _Y B	226, 88, 215
Decimal	14833879
CIE Lab	60.00, 68.40, -39.37
CIE LCh	60, 78.925, 330.076
Yxy	28.1233, 0.3309, 0.1971
Android (android.graphics.Color)	4293023959 (0xFFE258D7)
YUV	143.7400, 35.1312, 72.1420
Hunter-Lab	53.0314, 66.1171, -38.1745

Details

The CIELCh color **60, 78.925, 330.076** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **80, 80.192, 141.053**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **75, 67.933, 326.747**, and **40, 79.031, 329.907** is the 20% darker color. If you saturate the color by 10%, you get **57, 87.773, 330.551**, and if you desaturate by 10%, it is **64, 68.060, 329.562**.

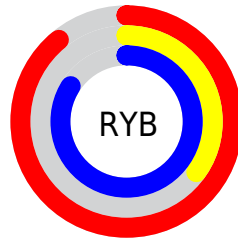
Distribution



Red (89%)

Green (35%)

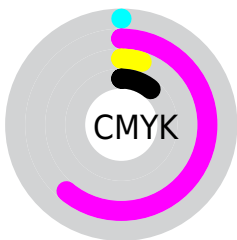
Blue (84%)



Red (89%)

Yellow (35%)

Blue (84%)

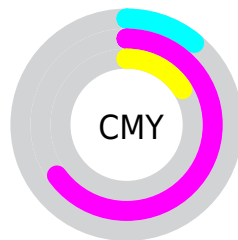


Cyan (0%)

Magenta (61%)

Yellow (5%)

Black (11%)



Cyan (11%)


Magenta (65%)


Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 78.925, 330.076 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 60, 78.925, 330.076 by changing the saturation by 10% instead.


 60, 78.925,
330.076


 60, 78.925,
330.076


 100, 78.925,
330.076


 50, 78.925,
330.076


 80, 78.925,
330.076

 40, 78.925,
330.076

 90, 78.925,
330.076

 30, 78.925,
330.076

 20, 78.925,
330.076

 10, 78.925,
330.076

 0, 78.925, 330.076

 60, 78.925,

 60, 78.925,

330.076

57, 87.773,
330.551

55, 94.130,
330.986

53, 97.763,
331.388

53, 99.069,
331.735

330.076

64, 68.060,
329.562

68, 55.757,
329.016

73, 42.550,
328.447


78, 28.881,
327.866

84, 15.082,
327.277

89, 1.382, 326.507

95, 12.072,
146.195

97, 16.571,
147.157

 97, 15.845,
149.171

Harmonies

Complementary

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



60, 78.925, 330.076



80, 80.192, 141.053

Rectangle

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



60, 78.925, 330.076



60, 78.925, 20.076



60, 78.925, 150.076



60, 78.925, 200.076

Sweetspot

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



60, 78.922, 330.076



89, 27.255, 327.697



46, 80.976, 301.206



46, 18.950, 327.868



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 78.922, 330.076



63, 98.092, 330.662



57, 59.296, 355.463



44, 7.721, 327.184



41, 82.200, 331.672



7, 34.052, 331.059

Inverse Universe

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



60, 78.922, 330.076



63, 98.092, 330.662



81, 54.346, 160.297



44, 7.721, 327.184



41, 82.200, 331.672



7, 34.052, 331.059

Previews

White Background



This preview shows how the CIELCh color 60, 78.925, 330.076 looks on a white background.

Color Contrast Check

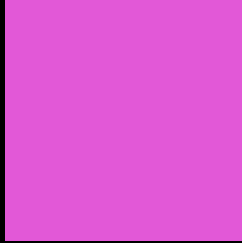
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 78.925, 330.076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

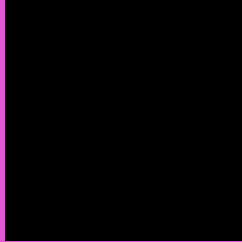
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 78.925, 330.076

Background



This preview shows how black text looks on a background with the CIELCh color 60, 78.925, 330.076.

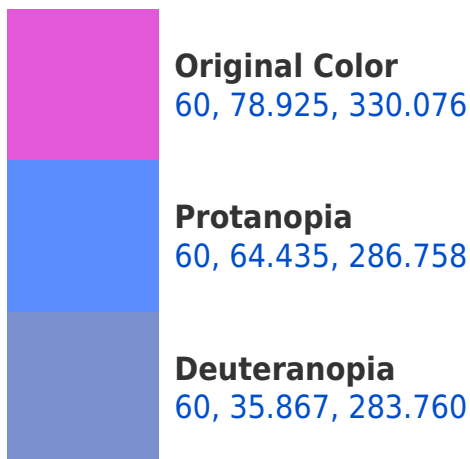


This preview shows how white text looks on a background with the CIELCh color 60, 78.925, 330.076.

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
60, 42.894, 18.834

Trichromacy



Original Color
60, 78.925, 330.076



Protanomaly
58, 67.685, 301.598



Deuteranomaly
58, 50.345, 308.909



Tritanomaly
60, 50.824, 353.037

Monochromacy



Original Color
60, 78.925, 330.076



Achromatopsia
60, 0.008, 296.813



Achromatomaly
58, 31.886, 328.294

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 78.925, 330.076 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(226, 88, 215)` looks like.

```
.text, #text, p{  
    color:rgb(226, 88, 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(226, 88, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 88, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 78.925, 330.076 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(226, 88, 215) }
```

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

```
.border{ border-color:rgb(226, 88, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 88, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 88, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 88, 215);  
box-shadow:4px 4px 4px 4px rgb(226, 88,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 78.925, 330.076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 88, 215) }
```

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

```
.background{ background-color: rgb(226, 88,  
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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