

Converting Colors

CIELCh(60, 60.811, 335.551)

Have a look what the booklet for
CIELCh(60, 60.811, 335.551)
contains.

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Color

CIELCh(60, 60.788, 335.589)

Conversions

Conversions Part 1

Format	Color
Hex	D967BE
RGB	217, 103, 190
RGB Percent	85%, 40%, 75%
CMY	0.1495, 0.5965, 0.2554
CMYK	0.00, 0.53, 0.12, 0.15
HSL	314°, 60%, 63%
HSV	314°, 53%, 85%
XYZ	42.6993, 28.1233, 51.8267
YIQ	147.0040, 40.0170, 51.2250

Conversions

Conversions Part 2

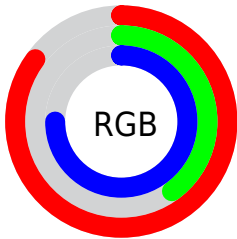
Format	Color
R _Y B	217, 103, 190
Decimal	14247870
CIE _{Lab}	60.00, 55.35, -25.12
CIE _{LCh}	60, 60.788, 335.589
Y _{xy}	28.1233, 0.3481, 0.2293
Android (android.graphics.Color)	4292437950 (0xFFD967BE)
YUV	147.0040, 21.1970, 61.3865
Hunter-Lab	53.0314, 50.9177, -20.8211

Details

The CIELCh color **60, 60.788, 335.589** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **78, 60.874, 146.938**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 57.086, 328.949**, and **40, 60.878, 335.893** is the 20% darker color. If you saturate the color by 10%, you get **56, 70.038, 336.438**, and if you desaturate by 10%, it is **64, 50.180, 334.797**.

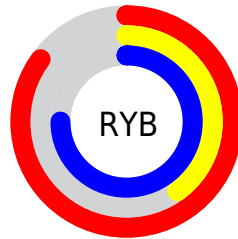
Distribution



Red (85%)

Green (40%)

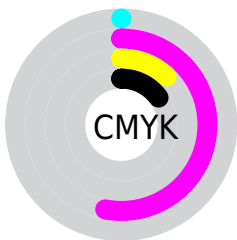
Blue (75%)



Red (85%)

Yellow (40%)

Blue (75%)

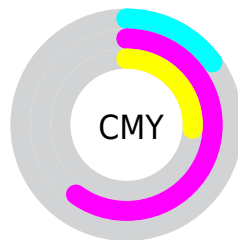


Cyan (0%)

Magenta (53%)

Yellow (12%)

Black (15%)



Cyan (15%)


Magenta (60%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 60.788, 335.589 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, 60.788, 335.589 by changing the saturation by 10% instead.


 60, 60.788,
335.589


 60, 60.788,
335.589


 100, 60.788,
335.589


 50, 60.788,
335.589


 80, 60.788,
335.589

 40, 60.788,
335.589

 90, 60.788,
335.589


 30, 60.788,
335.589

 20, 60.788,
335.589

 10, 60.788,
335.589

 0, 60.788, 335.589

 60, 60.788,

 60, 60.788,

335.589

56, 70.038,
336.438

53, 77.381,
337.367

51, 82.339,
338.414

49, 84.693,
339.628

49, 85.107,
340.648

335.589

64, 50.180,
334.797

69, 38.739,
334.046

74, 26.878,
333.329


80, 14.902,
332.639

85, 3.017, 331.899

91, 8.648, 151.433

97, 20.017,
150.824

97, 18.266,
156.103

 97, 16.514,
162.617

Harmonies

Complementary

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



60, 60.788, 335.589



78, 60.874, 146.938

Rectangle

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



60, 60.788, 335.589



60, 60.788, 25.589



60, 60.788, 155.589



60, 60.788, 205.589

Sweetspot

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



60, 60.785, 335.589



90, 21.695, 332.884



51, 66.476, 303.981



47, 14.660, 333.028



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, 60.785, 335.589



65, 80.100, 336.528



58, 47.932, 5.746



43, 6.784, 332.425



39, 72.209, 340.412



6, 29.256, 337.856

Inverse Universe

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



60, 60.785, 335.589



65, 80.100, 336.528



80, 40.050, 172.641



43, 6.784, 332.425



39, 72.209, 340.412



6, 29.256, 337.856

Previews

White Background



This preview shows how the CIELCh color 60, 60.788, 335.589 looks on a white background.

Color Contrast Check

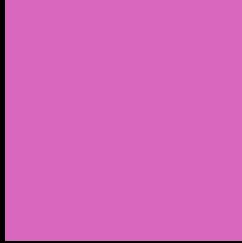
Large Text (above 18pt) WCAG AA ✓ Pass

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, 60.788, 335.589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

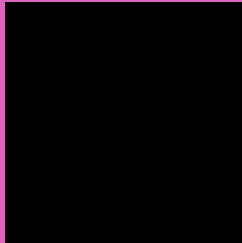
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 60.788, 335.589

Background



This preview shows how black text looks on a background with the CIELCh color 60, 60.788, 335.589.

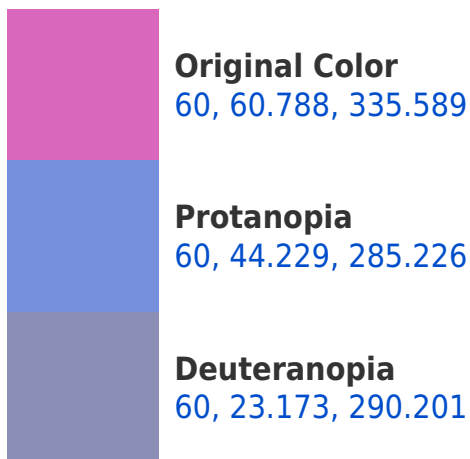


This preview shows how white text looks on a background with the CIELCh color 60, 60.788, 335.589.

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, 38.534, 17.496

Trichromacy



Original Color
60, 60.788, 335.589

Protanomaly
59, 47.317, 304.759

Deuteranomaly
59, 35.684, 316.180

Tritanomaly
60, 43.250, 357.771

Monochromacy



Original Color
60, 60.788, 335.589

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 23.809, 332.736

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 60.788, 335.589 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(217, 103, 190)` looks like.

```
.text, #text, p{  
    color:rgb(217, 103, 190)  
}
```

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(217, 103, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 103, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 60.788, 335.589 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(217, 103, 190) }
```

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

```
.border{ border-color:rgb(217, 103, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 103, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 103, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 103, 190);  
box-shadow:4px 4px 4px 4px rgb(217, 103,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 60.788, 335.589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 103, 190) }
```

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

```
.background{ background-color: rgb(217,  
103, 190) }
```

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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