

Converting Colors

CIELCh(67, 58.130, 322.165)

Have a look what the booklet for
CIELCh(67, 58.130, 322.165)
contains.

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Color

CIELCh(67, 58.263, 322.247)

Conversions

Conversions Part 1

Format	Color
Hex	D685E4
RGB	214, 133, 228
RGB Percent	84%, 52%, 89%
CMY	0.1611, 0.4787, 0.1062
CMYK	0.06, 0.42, 0.00, 0.11
HSL	291°, 64%, 71%
HSV	291°, 42%, 89%
XYZ	50.0734, 36.6320, 77.7667
YIQ	168.0490, 17.7810, 46.7170

Conversions

Conversions Part 2

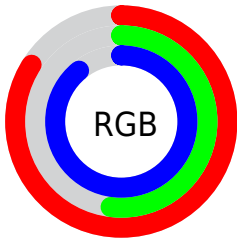
Format	Color
R _{YB}	214, 133, 228
Decimal	14058980
CIE _{Lab}	67.00, 46.07, -35.67
CIE _{LCh}	67, 58.263, 322.247
Yxy	36.6320, 0.3044, 0.2227
Android (android.graphics.Color)	4292249060 (0xFFD685E4)
YUV	168.0490, 29.5558, 40.2990
Hunter-Lab	60.5244, 41.7601, -33.8137

Details

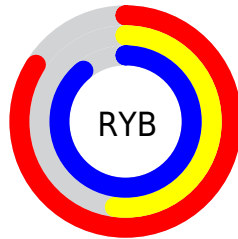
The CIELCh color $67, 58.263, 322.247$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $84, 57.599, 137.812$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $84, 42.003, 325.881$, and $47, 58.009, 322.423$ is the 20% darker color. If you saturate the color by 10%, you get $62, 71.334, 322.615$, and if you desaturate by 10%, it is $72, 44.476, 321.821$.

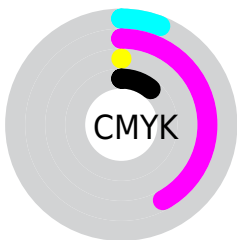
Distribution



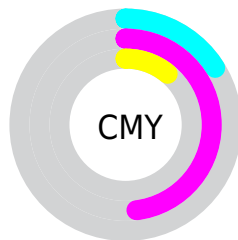
- Red (84%)
- Green (52%)
- Blue (89%)



- Red (84%)
- Yellow (52%)
- Blue (89%)



- Cyan (6%)
- Magenta (42%)
- Yellow (0%)
- Black (11%)



- Cyan (16%)
- Magenta (48%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 58.263, 322.247 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 67, 58.263, 322.247 by changing the saturation by 10% instead.

 67, 58.263,
322.247

 67, 58.263,
322.247

 100, 58.263,
322.247

 57, 58.263,
322.247

 87, 58.263,
322.247

 47, 58.263,
322.247

 97, 58.263,
322.247

 37, 58.263,
322.247

 27, 58.263,
322.247

 17, 58.263,
322.247

 7, 58.263, 322.247

 0, 58.263, 322.247

67, 58.263,
322.247

67, 58.263,
322.247

62, 71.334,
322.615

72, 44.476,
321.821

58, 83.167,
322.892

78, 30.385,
321.362

54, 93.144,
323.042

84, 16.272,
320.887

51, 100.676,
323.027

90, 2.325, 320.333

49, 105.387,
322.821

96, 11.338,
140.010

48, 107.451,
322.519

98, 15.734,
137.519

98, 15.182,
133.647

98, 14.703,
129.471

■ 99, 14.309,
125.008

Harmonies

Complementary

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



67, 58.263, 322.247



84, 57.599, 137.812

Rectangle

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



67, 58.263, 322.247



67, 58.263, 12.247



67, 58.263, 142.247



67, 58.263, 192.247

Sweetspot

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



67, 58.261, 322.247



92, 19.860, 320.955



63, 45.191, 289.562



47, 13.918, 321.061



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 58.261, 322.247



70, 75.772, 322.569



67, 47.511, 339.785



45, 7.944, 320.780



38, 89.478, 322.605



7, 37.202, 323.341

Inverse Universe

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



66, 38.868, 12.542



68, 51.778, 14.339



84, 46.688, 152.549



45, 4.899, 8.124



37, 73.529, 32.980



7, 26.731, 15.630

Previews

White Background



This preview shows how the CIELCh color 67, 58.263, 322.247 looks on a white background.

Color Contrast Check

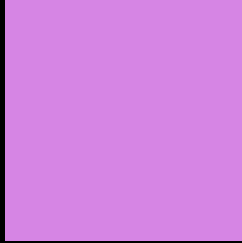
Large Text (above 18pt) WCAG AA × Fail

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 67, 58.263, 322.247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

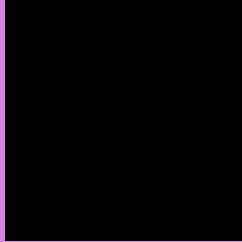
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 58.263, 322.247

Background



This preview shows how black text looks on a background with the CIELCh color 67, 58.263, 322.247.

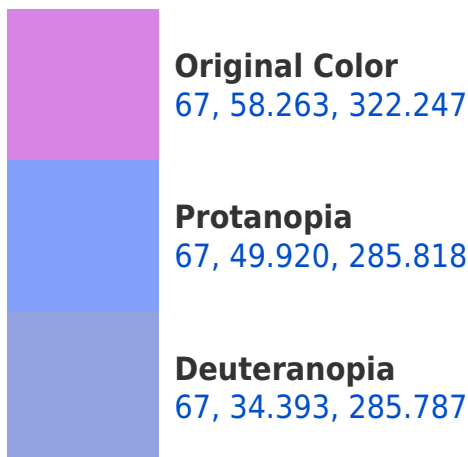


This preview shows how white text looks on a background with the CIELCh color 67, 58.263, 322.247.

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
67, 22.831, 6.490

Trichromacy



Original Color
67, 58.263, 322.247



Protanomaly
66, 51.145, 298.864



Deuteranomaly
67, 41.627, 303.107



Tritanomaly
67, 32.872, 339.706

Monochromacy



Original Color
67, 58.263, 322.247



Achromatopsia
69, 0.009, 296.813



Achromatomaly
68, 22.261, 321.333

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 58.263, 322.247 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(214, 133, 228)` looks like.

```
.text, #text, p{  
    color:rgb(214, 133, 228)  
}
```

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(214, 133, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 133, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 58.263, 322.247 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(214, 133, 228) }
```

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

```
.border{ border-color:rgb(214, 133, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 133, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 133, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 133, 228);  
box-shadow:4px 4px 4px 4px rgb(214, 133,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 58.263, 322.247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 133, 228) }
```

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

```
.background{ background-color: rgb(214,  
133, 228) }
```

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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