

Converting Colors

CIELCh(65, 58.012, 324.924)

Have a look what the booklet for
CIELCh(65, 58.012, 324.924)
contains.

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Color

CIELCh(65, 57.960, 325.074)

Conversions

Conversions Part 1

Format	Color
Hex	D57EDA
RGB	213, 126, 218
RGB Percent	84%, 49%, 85%
CMY	0.1654, 0.5065, 0.1458
CMYK	0.02, 0.42, 0.00, 0.15
HSL	297°, 55%, 67%
HSV	297°, 42%, 85%
XYZ	47.4548, 34.0472, 70.2733
YIQ	162.5010, 22.3200, 47.0560

Conversions

Conversions Part 2

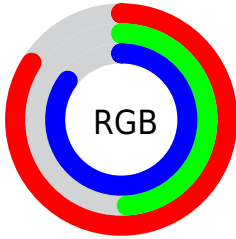
Format	Color
R_{YB}	213, 126, 218
Decimal	13991642
CIE _{Lab}	65.00, 47.52, -33.18
CIE _{LCh}	65, 57.960, 325.074
Yxy	34.0472, 0.3127, 0.2243
Android (android.graphics.Color)	4292181722 (0xFFD57EDA)
YUV	162.5010, 27.3610, 44.2876
Hunter-Lab	58.3500, 43.0578, -30.5604

Details

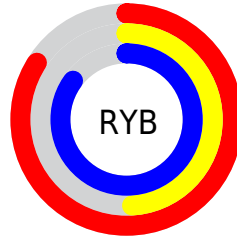
The CIELCh color $65, 57.960, 325.074$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $80, 57.847, 139.988$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 46.349, 326.028$, and $45, 57.861, 325.134$ is the 20% darker color. If you saturate the color by 10%, you get $61, 70.432, 325.486$, and if you desaturate by 10%, it is $70, 44.606, 324.608$.

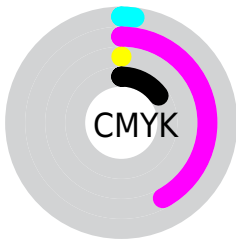
Distribution



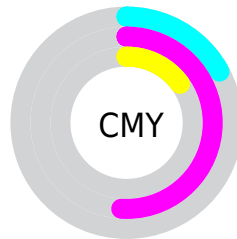
- Red (84%)
- Green (49%)
- Blue (85%)



- Red (84%)
- Yellow (49%)
- Blue (85%)



- Cyan (2%)
- Magenta (42%)
- Yellow (0%)
- Black (15%)





- Cyan (17%)
- Magenta (51%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 57.960, 325.074 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 65, 57.960, 325.074 by changing the saturation by 10% instead.


 65, 57.960,
325.074


 65, 57.960,
325.074


 100, 57.960,
325.074


 55, 57.960,
325.074


 85, 57.960,
325.074

 45, 57.960,
325.074

 95, 57.960,
325.074

 35, 57.960,
325.074

 25, 57.960,
325.074

 15, 57.960,
325.074

 5, 57.960, 325.074

 0, 57.960, 325.074

65, 57.960,
325.074

65, 57.960,
325.074

61, 70.432,
325.486

70, 44.606,
324.608

57, 81.504,
325.821

75, 30.808,
324.109

54, 90.611,
326.056

80, 16.886,
323.591

52, 97.279,
326.173

86, 3.063, 323.008

50, 101.283,
326.160

91, 10.516,
142.616

50, 102.906,
326.078

97, 22.835,
142.092

97, 22.601,
141.245

97, 22.371,
140.377

■ 97, 22.146,
139.489

Harmonies

Complementary

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



65, 57.960, 325.074



80, 57.847, 139.988

Rectangle

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



65, 57.960, 325.074



65, 57.960, 15.074



65, 57.960, 145.074



65, 57.960, 195.074

Sweetspot

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



65, 57.958, 325.074



92, 20.406, 323.637



58, 48.753, 293.411



48, 14.295, 323.754



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 57.958, 325.074



71, 78.290, 325.456



64, 44.020, 344.126



43, 7.868, 323.443



39, 86.801, 326.111



6, 34.359, 326.306

Inverse Universe

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



63, 38.315, 19.667



68, 53.789, 21.545



80, 42.605, 156.138



43, 4.645, 15.530



36, 75.964, 37.701



5, 23.765, 17.923

Previews

White Background



This preview shows how the CIELCh color 65, 57.960, 325.074 looks on a white background.

Color Contrast Check

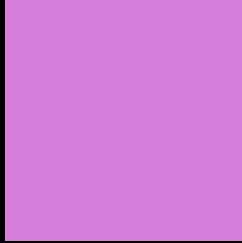
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 65, 57.960, 325.074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

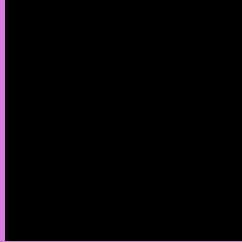
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 57.960, 325.074

Background



This preview shows how black text looks on a background with the CIELCh color 65, 57.960, 325.074.

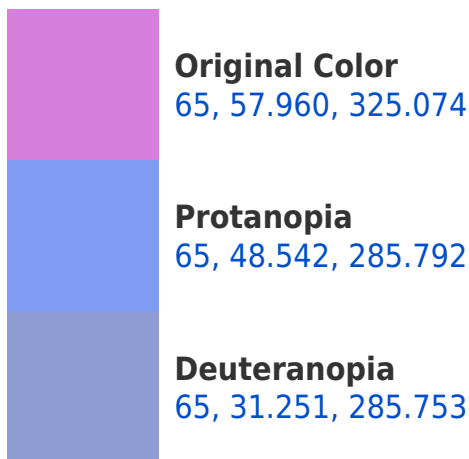


This preview shows how white text looks on a background with the CIELCh color 65, 57.960, 325.074.

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
65, 26.205, 8.913

Trichromacy



Original Color
65, 57.960, 325.074



Protanomaly
64, 49.903, 300.045



Deuteranomaly
65, 39.357, 305.134



Tritanomaly
65, 34.699, 343.879

Monochromacy



Original Color
65, 57.960, 325.074



Achromatopsia
67, 0.008, 296.813



Achromatomaly
65, 21.650, 323.711

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 57.960, 325.074 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(213, 126, 218)` looks like.

```
.text, #text, p{  
    color:rgb(213, 126, 218)  
}
```

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(213, 126, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 126, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 57.960, 325.074 is called "border". The border property can be set on classes, ids or directly on the HTML element.

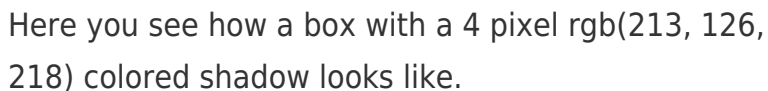
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(213, 126, 218) }
```

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

```
.border{ border-color:rgb(213, 126, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(213, 126, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 126, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 126, 218); box-shadow:4px 4px 4px 4px rgb(213, 126, 218) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 57.960, 325.074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 126, 218) }
```

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

```
.background{ background-color: rgb(213,  
126, 218) }
```

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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