

Converting Colors

CIELCh(60, 56.118, 336.364)

Have a look what the booklet for
CIELCh(60, 56.118, 336.364)
contains.

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Color

CIELCh(60, 56.074, 336.541)

Conversions

Conversions Part 1

Format	Color
Hex	D56BB9
RGB	213, 107, 185
RGB Percent	84%, 42%, 73%
CMY	0.1651, 0.5808, 0.2749
CMYK	0.00, 0.50, 0.13, 0.17
HSL	316°, 56%, 63%
HSV	316°, 50%, 83%
XYZ	41.4032, 28.1233, 49.0888
YIQ	147.5860, 38.1380, 46.7300

Conversions

Conversions Part 2

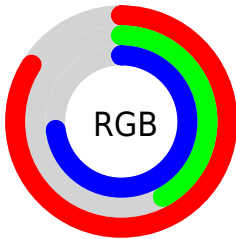
Format	Color
R _Y B	213, 107, 185
Decimal	13986745
CIE Lab	60.00, 51.44, -22.32
CIE LCh	60, 56.074, 336.541
Yxy	28.1233, 0.3491, 0.2371
Android (android.graphics.Color)	4292176825 (0xFFD56BB9)
YUV	147.5860, 18.4451, 57.3681
Hunter-Lab	53.0314, 46.5550, -17.7600

Details

The CIELCh color $60, 56.074, 336.541$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $78, 55.877, 148.266$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 52.343, 331.124$, and $40, 56.212, 336.436$ is the 20% darker color. If you saturate the color by 10%, you get $56, 65.464, 337.440$, and if you desaturate by 10%, it is $64, 45.522, 335.712$.

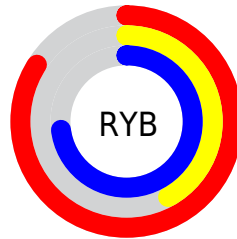
Distribution



Red (84%)

Green (42%)

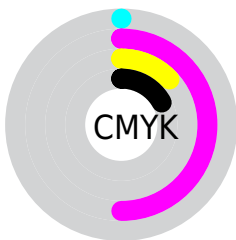
Blue (73%)



Red (84%)

Yellow (42%)

Blue (73%)

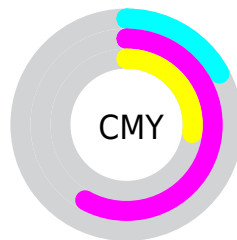


Cyan (0%)

Magenta (50%)

Yellow (13%)

Black (17%)



Cyan (17%)


Magenta (58%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 56.074, 336.541 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, 56.074, 336.541 by changing the saturation by 10% instead.


 60, 56.074,
336.541


 60, 56.074,
336.541


 100, 56.074,
336.541


 50, 56.074,
336.541


 80, 56.074,
336.541

 40, 56.074,
336.541

 90, 56.074,
336.541

 30, 56.074,
336.541

 20, 56.074,
336.541

 10, 56.074,
336.541

 0, 56.074, 336.541

 60, 56.074,

 60, 56.074,

336.541

56, 65.464,
337.440

53, 73.156,
338.435

50, 78.637,
339.569

49, 81.598,
340.899

48, 82.341,
342.460

48, 82.350,
342.495

336.541

64, 45.522,
335.712

69, 34.295,
334.935

74, 22.765,
334.198

80, 11.196,
333.490

85, 0.236, 154.317

91, 11.425,
152.272

96, 21.747,
151.914

97, 19.671,
157.479

■ 97, 17.800,
164.243

Harmonies

Complementary

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



60, 56.074, 336.541



78, 55.877, 148.266

Rectangle

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



60, 56.074, 336.541



60, 56.074, 26.541



60, 56.074, 156.541



60, 56.074, 206.541

Sweetspot

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



60, 56.071, 336.541



90, 19.940, 333.868



52, 61.808, 304.136



47, 13.619, 334.019



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, 56.071, 336.541



66, 75.833, 337.518



58, 44.620, 6.373



42, 6.525, 333.464



38, 70.090, 342.219



6, 27.146, 339.107

Inverse Universe

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



60, 56.071, 336.541



66, 75.833, 337.518



79, 37.223, 174.287



42, 6.525, 333.464



38, 70.090, 342.219



6, 27.146, 339.107

Previews

White Background



This preview shows how the CIELCh color 60, 56.074, 336.541 looks on a white background.

Color Contrast Check

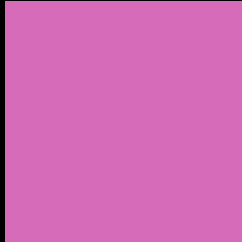
Large Text (above 18pt) WCAG AA ✓ Pass

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, 56.074, 336.541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

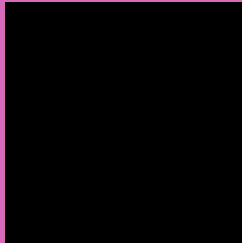
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 56.074, 336.541

Background



This preview shows how black text looks on a background with the CIELCh color 60, 56.074, 336.541.

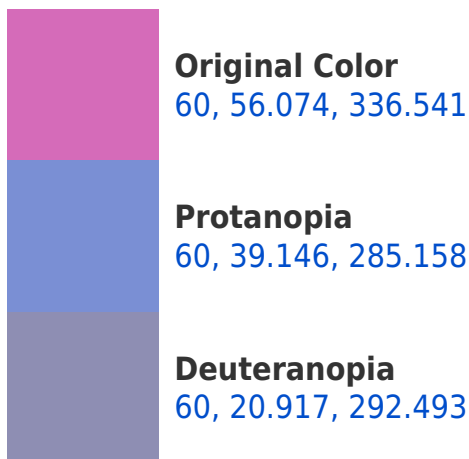


This preview shows how white text looks on a background with the CIELCh color 60, 56.074, 336.541.

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, 36.781, 16.084

Trichromacy



Original Color
60, 56.074, 336.541



Protanomaly
59, 41.779, 305.842



Deuteranomaly
59, 32.647, 318.521



Tritanomaly
60, 40.848, 357.293

Monochromacy



Original Color
60, 56.074, 336.541



Achromatopsia
61, 0.008, 296.813



Achromatomaly
60, 22.092, 334.085

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 56.074, 336.541 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, 107, 185)` looks like.

```
.text, #text, p{  
    color:rgb(213, 107, 185)  
}
```

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, 107, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 107, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 56.074, 336.541 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, 107, 185) }
```

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

```
.border{ border-color:rgb(213, 107, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 107, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 107, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 107, 185);  
box-shadow:4px 4px 4px 4px rgb(213, 107,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 56.074, 336.541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 107, 185) }
```

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

```
.background{ background-color: rgb(213,  
107, 185) }
```

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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