

Converting Colors

CIELCh(60, 81.512, 324.191)

Have a look what the booklet for
CIELCh(60, 81.512, 324.191)
contains.

CIELCh(60, 81.777, 324.255)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(60, 81.777, 324.255)

Conversions

Conversions Part 1

Format	Color
Hex	D85DE6
RGB	216, 93, 230
RGB Percent	85%, 36%, 90%
CMY	0.1531, 0.6354, 0.0982
CMYK	0.06, 0.60, 0.00, 0.10
HSL	294°, 73%, 63%
HSV	294°, 60%, 90%
XYZ	46.4922, 28.1233, 77.8077
YIQ	145.3950, 29.3310, 68.6830

Conversions

Conversions Part 2

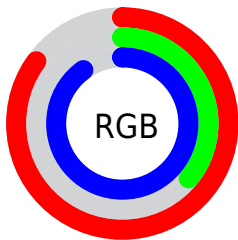
Format	Color
R _{YB}	216, 93, 230
Decimal	14179814
CIE Lab	60.00, 66.37, -47.77
CIE LCh	60, 81.777, 324.255
Yxy	28.1233, 0.3050, 0.1845
Android (android.graphics.Color)	4292369894 (0xFFD85DE6)
YUV	145.3950, 41.7103, 61.9206
Hunter-Lab	53.0314, 63.6842, -49.8683

Details

The CIELCh color **60, 81.777, 324.255** 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 **82, 81.574, 137.372**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 65.623, 326.671**, and **40, 82.004, 324.243** is the 20% darker color. If you saturate the color by 10%, you get **56, 92.054, 324.469**, and if you desaturate by 10%, it is **64, 69.668, 323.932**.

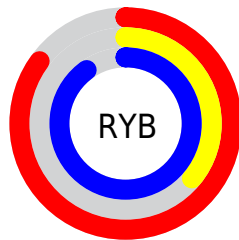
Distribution



Red (85%)

Green (36%)

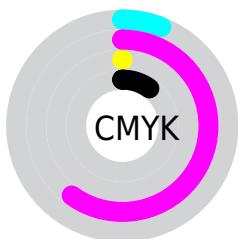
Blue (90%)



Red (85%)

Yellow (36%)

Blue (90%)

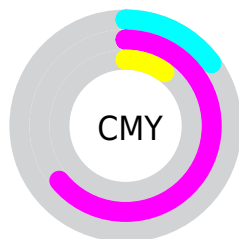


Cyan (6%)

Magenta (60%)

Yellow (0%)

Black (10%)



Cyan (15%)


Magenta (64%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 81.777, 324.255 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, 81.777, 324.255 by changing the saturation by 10% instead.


 60, 81.777,
324.255


 60, 81.777,
324.255


 100, 81.777,
324.255


 50, 81.777,
324.255


 80, 81.777,
324.255

 40, 81.777,
324.255

 90, 81.777,
324.255

 30, 81.777,
324.255

 20, 81.777,
324.255


 10, 81.777,
324.255

 0, 81.777, 324.255


 60, 81.777,


 60, 81.777,


324.255

 56, 92.054,
324.469


 54, 99.929,
324.546


 52, 105.018,
324.463


 51, 107.546,
324.230


 51, 107.634,
324.219


324.255

 64, 69.668,
323.932


 69, 56.334,
323.531

 74, 42.295,
323.079

 80, 27.953,
322.597

 86, 13.595,
322.098

 92, 0.588, 142.074

 98, 14.478,
141.180

 98, 14.699,
138.614

■ 98, 14.294,
135.776

Harmonies

Complementary

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



60, 81.777, 324.255



82, 81.574, 137.372

Rectangle

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



60, 81.777, 324.255



60, 81.777, 14.255



60, 81.777, 144.255



60, 81.777, 194.255

Sweetspot

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



60, 81.775, 324.255



89, 27.935, 322.524



51, 70.131, 295.211



45, 19.434, 322.668



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, 81.775, 324.255



62, 101.307, 324.494



60, 64.469, 343.570



45, 8.051, 322.092



39, 89.040, 324.282



7, 37.230, 324.849

Inverse Universe

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



58, 57.770, 20.145



59, 75.156, 24.041



82, 63.494, 151.466



45, 4.851, 11.696



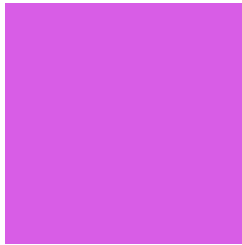
37, 75.678, 35.616



6, 26.815, 17.524

Previews

White Background



This preview shows how the CIELCh color 60, 81.777, 324.255 looks on a white background.

Color Contrast Check

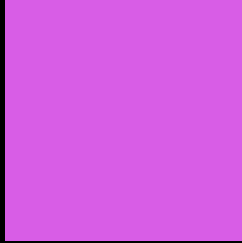
Large Text (above 18pt) WCAG AA ✓ Pass

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, 81.777, 324.255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

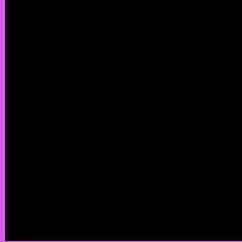
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 81.777, 324.255

Background



This preview shows how black text looks on a background with the CIELCh color 60, 81.777, 324.255.



This preview shows how white text looks on a background with the CIELCh color 60, 81.777, 324.255.

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, 34.209, 15.120

Trichromacy



Original Color
60, 81.777, 324.255



Protanomaly
58, 69.138, 300.207



Deuteranomaly
58, 56.661, 302.725



Tritanomaly
59, 46.601, 344.621

Monochromacy



Original Color
60, 81.777, 324.255



Achromatopsia
60, 0.008, 296.813



Achromatomaly
59, 32.712, 323.065

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 81.777, 324.255 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(216, 93, 230)` looks like.

```
.text, #text, p{  
    color:rgb(216, 93, 230)  
}
```

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(216, 93, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 93, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 81.777, 324.255 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(216, 93, 230) }
```

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

```
.border{ border-color:rgb(216, 93, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 93, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 93, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 93, 230);  
box-shadow:4px 4px 4px 4px rgb(216, 93,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 81.777, 324.255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 93, 230) }
```

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

```
.background{ background-color: rgb(216, 93,  
230) }
```

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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