

Converting Colors

CIELCh(58, 84.681, 324.476)

Have a look what the booklet for
CIELCh(58, 84.681, 324.476)
contains.

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Color

CIELCh(58, 84.681, 324.476)

Conversions

Conversions Part 1

Format	Color
Hex	D554E3
RGB	213, 84, 227
RGB Percent	84%, 33%, 89%
CMY	0.1655, 0.6713, 0.1106
CMYK	0.06, 0.63, 0.00, 0.11
HSL	294°, 72%, 61%
HSV	294°, 63%, 89%
XYZ	44.3749, 25.9610, 75.2039
YIQ	138.8730, 30.9810, 71.8210

Conversions

Conversions Part 2

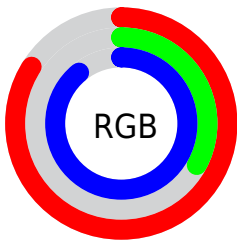
Format	Color
R _{YB}	213, 84, 227
Decimal	13980899
CIE _{Lab}	58.00, 68.92, -49.20
CIE _{LCh}	58, 84.681, 324.476
Y _{xy}	25.9610, 0.3049, 0.1784
Android (android.graphics.Color)	4292170979 (0xFFD554E3)
YUV	138.8730, 43.4466, 65.0094
Hunter-Lab	50.9519, 66.2928, -51.8443

Details

The CIELCh color **58, 84.681, 324.476** 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 **81, 84.667, 137.162**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 70.214, 326.821**, and **38, 84.744, 324.502** is the 20% darker color. If you saturate the color by 10%, you get **55, 94.068, 324.651**, and if you desaturate by 10%, it is **62, 73.271, 324.184**.

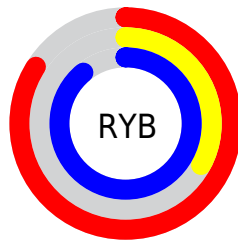
Distribution



Red (84%)

Green (33%)

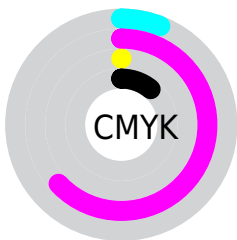
Blue (89%)



Red (84%)

Yellow (33%)

Blue (89%)

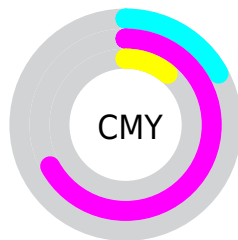


Cyan (6%)

Magenta (63%)

Yellow (0%)

Black (11%)



Cyan (17%)

Magenta (67%)

Yellow (11%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 84.681, 324.476 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 58, 84.681, 324.476 by changing the saturation by 10% instead.


 58, 84.681,
324.476

 58, 84.681,
324.476

 100, 84.681,
324.476

 48, 84.681,
324.476

 78, 84.681,
324.476

 38, 84.681,
324.476

 88, 84.681,
324.476

 28, 84.681,
324.476

 98, 84.681,
324.476

 18, 84.681,
324.476

 8, 84.681, 324.476

 0, 84.681, 324.476

■ 58, 84.681,
324.476

■ 58, 84.681,
324.476

■ 55, 94.068,
324.651

■ 62, 73.271,
324.184

■ 52, 100.918,
324.681

■ 67, 60.444,
323.805

■ 51, 104.973,
324.551

■ 72, 46.747,
323.366

■ 50, 106.476,
324.384


■ 77, 32.620,
322.890

■ 83, 18.387,
322.395

■ 88, 4.268, 321.860

■ 94, 9.596, 141.469

■ 98, 16.862,
140.214

 98, 16.455,
137.940

Harmonies

Complementary

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



58, 84.681, 324.476



81, 84.667, 137.162

Rectangle

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



58, 84.681, 324.476



58, 84.681, 14.476



58, 84.681, 144.476



58, 84.681, 194.476

Sweetspot

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



58, 84.679, 324.476



88, 29.535, 322.698



47, 75.359, 296.766



45, 20.346, 322.839



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



58, 84.679, 324.476



60, 105.693, 324.678



58, 65.999, 345.017



44, 7.913, 322.213



39, 88.059, 324.446



7, 35.793, 324.927

Inverse Universe

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



56, 60.696, 21.483



57, 80.395, 26.318



81, 64.984, 151.632



44, 4.759, 12.033



36, 75.024, 35.787



6, 25.349, 16.810

Previews

White Background



This preview shows how the CIELCh color 58, 84.681, 324.476 looks on a white background.

Color Contrast Check

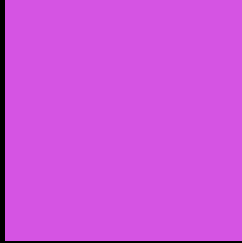
Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 84.681, 324.476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

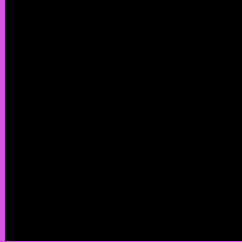
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 84.681, 324.476

Background



This preview shows how black text looks on a background with the CIELCh color 58, 84.681, 324.476.



This preview shows how white text looks on a background with the CIELCh color 58, 84.681, 324.476.

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
58, 36.202, 15.978

Trichromacy



Original Color
58, 84.681, 324.476



Protanomaly
56, 72.949, 300.112



Deuteranomaly
56, 58.049, 302.179



Tritanomaly
57, 48.945, 344.919

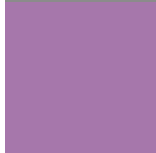
Monochromacy



Original Color
58, 84.681, 324.476



Achromatopsia
58, 0.007, 296.813



Achromatomaly
56, 34.229, 323.269

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 84.681, 324.476 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, 84, 227)` looks like.

```
.text, #text, p{  
    color:rgb(213, 84, 227)  
}
```

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, 84, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 84, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 84.681, 324.476 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, 84, 227) }
```

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

```
.border{ border-color:rgb(213, 84, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 84, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 84, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 84, 227);  
box-shadow:4px 4px 4px 4px rgb(213, 84,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 84.681, 324.476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 84, 227) }
```

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

```
.background{ background-color: rgb(213, 84,  
227) }
```

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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