

Converting Colors

CIELCh(25, 59.001, 327.270)

Have a look what the booklet for
CIELCh(25, 59.001, 327.270)
contains.

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Color

CIELCh(25, 58.908, 327.365)

Conversions

Conversions Part 1

Format	Color
Hex	6A0B6C
RGB	106, 11, 108
RGB Percent	42%, 4%, 42%
CMY	0.5834, 0.9552, 0.5756
CMYK	0.02, 0.89, 0.00, 0.58
HSL	299°, 81%, 23%
HSV	299°, 89%, 42%
XYZ	8.8159, 4.4155, 14.6388
YIQ	50.4630, 25.4830, 50.3070

Conversions

Conversions Part 2

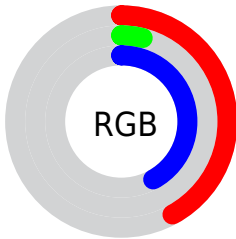
Format	Color
R_{YB}	106, 11, 108
Decimal	6949740
CIE _{Lab}	25.00, 49.61, -31.77
CIE _{LCh}	25, 58.908, 327.365
Yxy	4.4155, 0.3163, 0.1584
Android (android.graphics.Color)	4285139820 (0xFF6A0B6C)
YUV	50.4630, 28.3657, 48.7059
Hunter-Lab	21.0130, 38.1157, -26.5955

Details

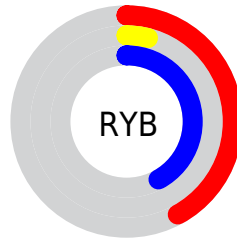
The CIELCh color **25, 58.908, 327.365** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **39, 60.488, 136.587**, and the grayscale version is **21, 0.004, 296.813**.

A 20% lighter version of the original color is **45, 59.089, 327.256**, and **10, 41.340, 325.397** is the 20% darker color. If you saturate the color by 10%, you get **24, 61.402, 327.456**, and if you desaturate by 10%, it is **26, 55.579, 327.220**.

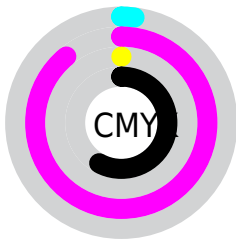
Distribution



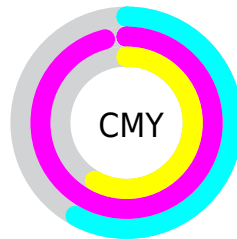
- Red (42%)
- Green (4%)
- Blue (42%)



- Red (42%)
- Yellow (4%)
- Blue (42%)



- Cyan (2%)
- Magenta (89%)
- Yellow (0%)
- Black (58%)





- Cyan (58%)
- Magenta (96%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 25, 58.908, 327.365 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 25, 58.908, 327.365 by changing the saturation by 10% instead.

 25, 58.908,
327.365


 25, 58.908,
327.365

 100, 58.908,
327.365


 15, 58.908,
327.365


 45, 58.908,
327.365


 5, 58.908, 327.365

 55, 58.908,
327.365

 0, 58.908, 327.365

 65, 58.908,
327.365

 75, 58.908,
327.365

 85, 58.908,
327.365

 95, 58.908,

327.365

■ 25, 58.908,
327.365

■ 25, 58.908,
327.365

■ 24, 61.402,
327.456

■ 26, 55.579,
327.220

■ 24, 61.543,
327.461

■ 28, 50.899,
326.984

■ 29, 45.061,
326.665

■ 32, 38.329,
326.278

■ 34, 30.979,
325.838

■ 37, 23.255,
325.363

■ 40, 15.356,
324.864

■ 43, 7.427, 324.349

■ 46, 0.426, 144.249

Harmonies

Complementary

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



25, 58.908, 327.365



39, 60.488, 136.587

Rectangle

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



25, 58.908, 327.365



25, 58.908, 17.365



25, 58.908, 147.365



25, 58.908, 197.365

Sweetspot

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



25, 58.907, 327.365



48, 26.384, 325.278



13, 63.392, 303.929



24, 17.907, 325.400



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



25, 58.907, 327.365



32, 74.134, 327.440



23, 43.889, 353.955



21, 4.379, 324.323



27, 65.170, 327.454



57, 112.151, 327.408

Inverse Universe

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



22, 48.653, 34.128



28, 65.424, 38.235



40, 44.330, 150.718



21, 2.546, 18.184



23, 56.410, 36.772



51, 100.568, 39.407

Previews

White Background



This preview shows how the CIELCh color 25, 58.908, 327.365 looks on a white background.

Color Contrast Check

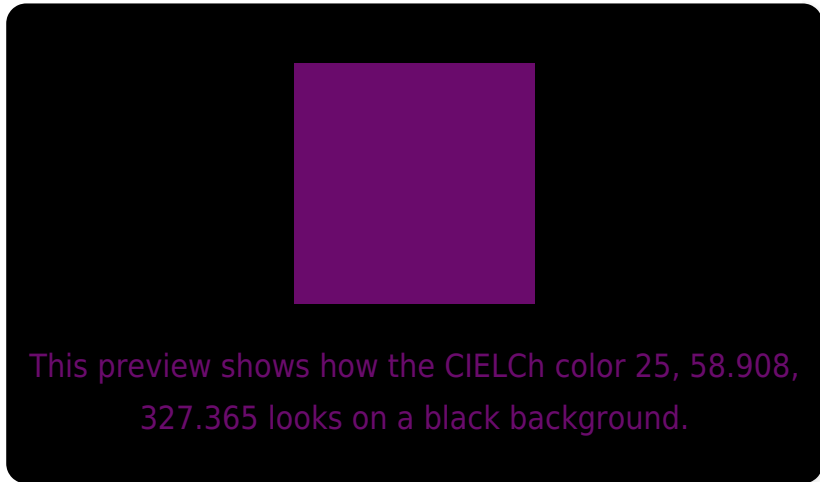
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

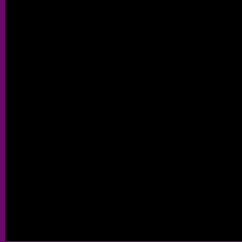
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 25, 58.908, 327.365

Background



This preview shows how black text looks on a background with the CIELCh color 25, 58.908, 327.365.



This preview shows how white text looks on a background with the CIELCh color 25, 58.908, 327.365.

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



Original Color

25, 58.908, 327.365

Protanopia

26, 43.449, 284.763

Deuteranopia

26, 26.794, 278.543



Tritanopia
25, 27.629, 21.903

Trichromacy



Original Color
25, 58.908, 327.365

Protanomaly
22, 51.690, 299.386

Deuteranomaly
23, 40.129, 305.992

Tritanomaly
25, 35.869, 349.615

Monochromacy



Original Color
25, 58.908, 327.365

Achromatopsia
21, 0.004, 296.813

Achromatomaly
21, 26.996, 325.891

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 58.908, 327.365 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(106, 11, 108)` looks like.

```
.text, #text, p{  
    color:rgb(106, 11, 108)  
}
```

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(106, 11, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 11, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 58.908, 327.365 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(106, 11, 108) }
```

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

```
.border{ border-color:rgb(106, 11, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 11, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 11, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 11, 108);  
box-shadow:4px 4px 4px 4px rgb(106, 11,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 25, 58.908, 327.365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 11, 108) }
```

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

```
.background{ background-color: rgb(106, 11,  
108) }
```

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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