

Converting Colors

CIELCh(25, 59.197, 328.146)

Have a look what the booklet for
CIELCh(25, 59.197, 328.146)
contains.

CIELCh(25, 58.930, 328.482)	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(25, 58.930, 328.482)

Conversions

Conversions Part 1

Format	Color
Hex	6C096B
RGB	108, 9, 107
RGB Percent	42%, 4%, 42%
CMY	0.5774, 0.9664, 0.5813
CMYK	0.00, 0.92, 0.01, 0.58
HSL	301°, 85%, 23%
HSV	301°, 92%, 42%
XYZ	8.8895, 4.4155, 14.2305
YIQ	49.7730, 27.5460, 51.4660

Conversions

Conversions Part 2

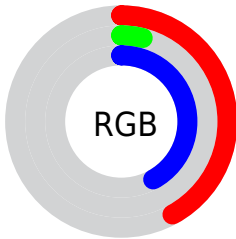
Format	Color
R_{YB}	108, 9, 107
Decimal	7080299
CIE _{Lab}	25.00, 50.24, -30.81
CIE _{LCh}	25, 58.930, 328.482
Yxy	4.4155, 0.3228, 0.1604
Android (android.graphics.Color)	4285270379 (0xFF6C096B)
YUV	49.7730, 28.2129, 51.0651
Hunter-Lab	21.0130, 38.7414, -25.4434

Details

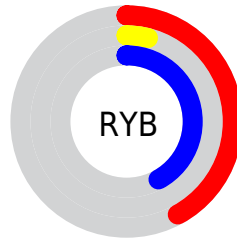
The CIELCh color **25, 58.930, 328.482** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **39, 60.978, 136.715**, and the grayscale version is **20, 0.004, 296.813**.

A 20% lighter version of the original color is **45, 58.984, 328.608**, and **10, 40.809, 326.497** is the 20% darker color. If you saturate the color by 10%, you get **24, 60.849, 328.612**, and if you desaturate by 10%, it is **26, 56.047, 328.292**.

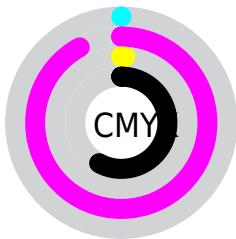
Distribution



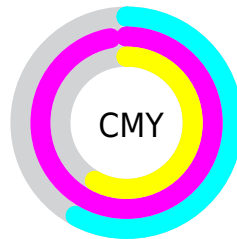
- Red (42%)
- Green (4%)
- Blue (42%)



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



- Cyan (0%)
- Magenta (92%)
- Yellow (1%)
- Black (58%)





- Cyan (58%)
- Magenta (97%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 25, 58.930, 328.482 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, 58.930, 328.482 by changing the saturation by 10% instead.

 25, 58.930,
328.482

 25, 58.930,
328.482

 100, 58.930,
328.482

 15, 58.930,
328.482

 45, 58.930,
328.482

 5, 58.930, 328.482

 55, 58.930,
328.482

 0, 58.930, 328.482

 65, 58.930,
328.482

 75, 58.930,
328.482

 85, 58.930,
328.482

 95, 58.930,

328.482

■ 25, 58.930,
328.482

■ 25, 58.930,
328.482

■ 24, 60.849,
328.612

■ 26, 56.047,
328.292

■ 27, 51.805,
328.027

■ 29, 46.341,
327.689

■ 31, 39.900,
327.288

■ 33, 32.758,
326.837

■ 36, 25.168,
326.350

■ 39, 17.345,
325.840

■ 42, 9.450, 325.314

■ 45, 1.601, 324.709

Harmonies

Complementary

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



25, 58.930, 328.482



39, 60.978, 136.715

Rectangle

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



25, 58.930, 328.482



25, 58.930, 18.482



25, 58.930, 148.482



25, 58.930, 198.482

Sweetspot

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



25, 58.928, 328.482



48, 27.328, 326.185



11, 66.214, 305.025



23, 18.991, 326.354



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, 58.928, 328.482



33, 73.508, 328.622



23, 43.685, 357.380



21, 4.377, 325.147



27, 64.630, 328.615



58, 111.165, 328.638

Inverse Universe

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



25, 58.928, 328.482



33, 73.508, 328.622



40, 43.586, 151.850



21, 4.377, 325.147



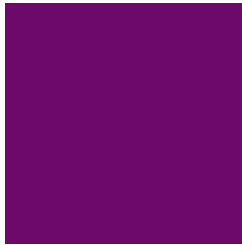
27, 64.630, 328.615



58, 111.165, 328.638

Previews

White Background



This preview shows how the CIELCh color 25, 58.930, 328.482 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



This preview shows how the CIELCh color 25, 58.930, 328.482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

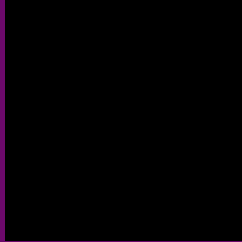
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 25, 58.930, 328.482

Background



This preview shows how black text looks on a background with the CIELCh color 25, 58.930, 328.482.



This preview shows how white text looks on a background with the CIELCh color 25, 58.930, 328.482.

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, 58.930, 328.482

Protanopia

26, 43.449, 284.763

Deuteranopia

26, 25.420, 278.840



Tritanopia
26, 29.139, 22.549

Trichromacy



Original Color
25, 58.930, 328.482

Protanomaly
21, 51.779, 299.720

Deuteranomaly
23, 39.644, 307.578

Tritanomaly
24, 36.652, 351.487

Monochromacy



Original Color
25, 58.930, 328.482

Achromatopsia
20, 0.004, 296.813

Achromatomaly
20, 27.958, 326.844

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 58.930, 328.482 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(108, 9, 107)` looks like.

```
.text, #text, p{  
    color:rgb(108, 9, 107)  
}
```

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(108, 9, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 9, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 58.930, 328.482 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(108, 9, 107) }
```

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

```
.border{ border-color:rgb(108, 9, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 9, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 9, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 9, 107);  
box-shadow:4px 4px 4px 4px rgb(108, 9,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 25, 58.930, 328.482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 9, 107) }
```

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

```
.background{ background-color: rgb(108, 9,  
107) }
```

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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