

Converting Colors

CIELCh(25, 59.331, 330.655)

Have a look what the booklet for
CIELCh(25, 59.331, 330.655)
contains.

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Color

CIELCh(25, 59.262, 330.776)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 6F0268 |
| RGB | 111, 2, 104 |
| RGB Percent | 44%, 1%, 41% |
| CMY | 0.5649, 0.9925, 0.5924 |
| CMYK | 0.00, 0.98, 0.06, 0.56 |
| HSL | 304°, 97%, 22% |
| HSV | 304°, 98%, 44% |
| XYZ | 9.0649, 4.4155, 13.4570 |
| YIQ | 46.2190, 32.2220, 54.8300 |

Conversions

Conversions Part 2

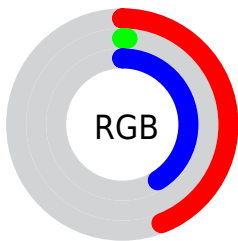
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 111, 2, 104 |
| Decimal | 7275112 |
| CIE _{Lab} | 25.00, 51.72, -28.93 |
| CIE _{LCh} | 25, 59.262, 330.776 |
| Yxy | 4.4155, 0.3365, 0.1639 |
| Android (android.graphics.Color) | 4285465192 (0xFF6F0268) |
| YUV | 46.2190, 28.4860, 56.8129 |
| Hunter-Lab | 21.0130, 40.2310, -23.2608 |

Details

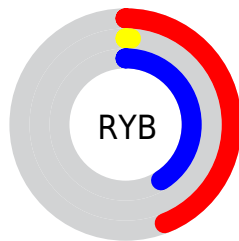
The CIELCh color **25, 59.262, 330.776** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **40, 62.932, 137.052**, and the grayscale version is **19, 0.004, 296.813**.

A 20% lighter version of the original color is **45, 59.165, 330.689**, and **11, 39.331, 330.071** is the 20% darker color. If you saturate the color by 10%, you get **25, 59.643, 330.831**, and if you desaturate by 10%, it is **26, 57.054, 330.453**.

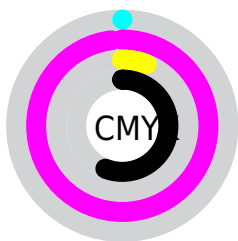
Distribution



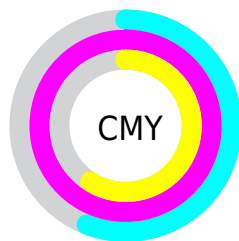
- Red (44%)
- Green (1%)
- Blue (41%)



- Red (44%)
- Yellow (1%)
- Blue (41%)



- Cyan (0%)
- Magenta (98%)
- Yellow (6%)
- Black (56%)





- Cyan (56%)
- Magenta (99%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 25, 59.262, 330.776 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, 59.262, 330.776 by changing the saturation by 10% instead.

 25, 59.262,
330.776


 25, 59.262,
330.776

 100, 59.262,
330.776


 15, 59.262,
330.776


 45, 59.262,
330.776


 5, 59.262, 330.776

 55, 59.262,
330.776

 0, 59.262, 330.776

 65, 59.262,
330.776

 75, 59.262,
330.776

 85, 59.262,
330.776

 95, 59.262,

330.776

■ 25, 59.262,
330.776

■ 25, 59.262,
330.776

■ 25, 59.643,
330.831

■ 26, 57.054,
330.453

■ 27, 53.821,
330.097

■ 28, 49.219,
329.696

■ 30, 43.457,
329.250

■ 33, 36.811,
328.767

■ 35, 29.562,
328.255

■ 38, 21.954,
327.723

■ 41, 14.183,
327.180

■ 44, 6.394, 326.626

Harmonies

Complementary

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



25, 59.262, 330.776



40, 62.932, 137.052

Rectangle

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



25, 59.262, 330.776



25, 59.262, 20.776



25, 59.262, 150.776



25, 59.262, 200.776

Sweetspot

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



25, 59.260, 330.776



49, 28.087, 327.804



11, 71.075, 306.280



24, 19.397, 327.983



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



25, 59.260, 330.776



34, 72.359, 330.907



23, 45.381, 3.852



22, 4.387, 326.668



27, 62.995, 330.854



58, 107.289, 331.015

Inverse Universe

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



25, 59.260, 330.776



34, 72.359, 330.907



41, 44.194, 153.271



22, 4.387, 326.668



27, 62.995, 330.854



58, 107.289, 331.015

Previews

White Background



This preview shows how the CIELCh color 25, 59.262, 330.776 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, 59.262, 330.776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

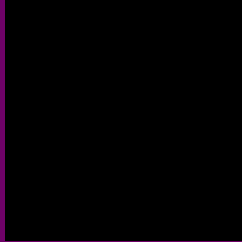
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 25, 59.262, 330.776

Background



This preview shows how black text looks on a background with the CIELCh color 25, 59.262, 330.776.



This preview shows how white text looks on a background with the CIELCh color 25, 59.262, 330.776.

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, 59.262, 330.776

Protanopia

26, 44.649, 285.522

Deuteranopia

27, 23.310, 279.247



Tritanopia
26, 31.765, 24.624

Trichromacy



Original Color
25, 59.262, 330.776

Protanomaly
21, 53.144, 300.750

Deuteranomaly
23, 39.937, 310.605

Tritanomaly
25, 38.712, 354.611

Monochromacy



Original Color
25, 59.262, 330.776

Achromatopsia
19, 0.004, 296.813

Achromatomaly
19, 29.237, 329.381

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 59.262, 330.776 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(111, 2, 104)` looks like.

```
.text, #text, p{  
    color:rgb(111, 2, 104)  
}
```

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(111, 2, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 2, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 59.262, 330.776 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(111, 2, 104) }
```

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

```
.border{ border-color:rgb(111, 2, 104) }
```

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

Here you see how a box with a 4 pixel rgb(111, 2, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 2, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 2, 104);  
box-shadow:4px 4px 4px 4px rgb(111, 2,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 25, 59.262, 330.776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 2, 104) }
```

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

```
.background{ background-color: rgb(111, 2,  
104) }
```

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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