

Converting Colors

CIELCh(25, 57.099, 334.447)

Have a look what the booklet for
CIELCh(25, 57.099, 334.447)
contains.

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Color

CIELCh(25, 57.021, 334.481)

Conversions

Conversions Part 1

Format	Color
Hex	710161
RGB	113, 1, 97
RGB Percent	44%, 0%, 38%
CMY	0.5555, 0.9977, 0.6184
CMYK	0.00, 0.99, 0.14, 0.56
HSL	309°, 99%, 22%
HSV	309°, 99%, 44%
XYZ	9.0339, 4.4155, 11.7634
YIQ	45.4320, 35.9360, 53.6000

Conversions

Conversions Part 2

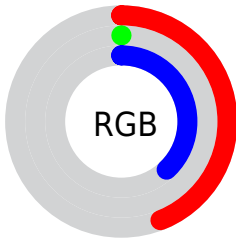
Format	Color
RYB	113, 1, 97
Decimal	7405921
CIELab	25.00, 51.46, -24.57
CIELCh	25, 57.021, 334.481
Yxy	4.4155, 0.3583, 0.1751
Android (android.graphics.Color)	4285596001 (0xFF710161)
YUV	45.4320, 25.4230, 59.2571
Hunter-Lab	21.0130, 39.9675, -18.4822

Details

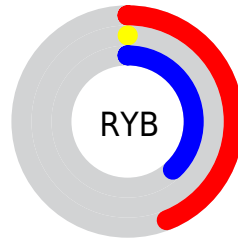
The CIELCh color **25, 57.021, 334.481** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **41, 62.420, 138.177**, and the grayscale version is **18, 0.003, 296.813**.

A 20% lighter version of the original color is **45, 56.835, 334.460**, and **11, 36.783, 335.692** is the 20% darker color. If you saturate the color by 10%, you get **25, 57.120, 334.513**, and if you desaturate by 10%, it is **26, 55.126, 333.859**.

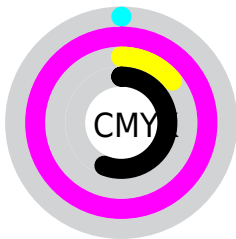
Distribution



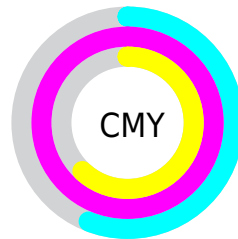
- Red (44%)
- Green (0%)
- Blue (38%)



- Red (44%)
- Yellow (0%)
- Blue (38%)



- Cyan (0%)
- Magenta (99%)
- Yellow (14%)
- Black (56%)





- Cyan (56%)
- Magenta (100%)
- Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 25, 57.021, 334.481 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, 57.021, 334.481 by changing the saturation by 10% instead.

 25, 57.021,
334.481


 25, 57.021,
334.481

 100, 57.021,
334.481


 15, 57.021,
334.481


 45, 57.021,
334.481


 5, 57.021, 334.481

 55, 57.021,
334.481

 0, 57.021, 334.481

 65, 57.021,
334.481

 75, 57.021,
334.481

 85, 57.021,
334.481

 95, 57.021,

334.481

■ 25, 57.021,
334.481

■ 25, 57.021,
334.481

■ 25, 57.120,
334.513

■ 26, 55.126,
333.859

■ 27, 52.315,
333.247

■ 29, 48.096,
332.651

■ 31, 42.681,
332.059

■ 33, 36.353,
331.465

■ 36, 29.402,
330.870

■ 38, 22.079,
330.275

■ 42, 14.586,
329.684

■ 45, 7.067, 329.095

Harmonies

Complementary

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



25, 57.021, 334.481



41, 62.420, 138.177

Rectangle

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



25, 57.021, 334.481



25, 57.021, 24.481



25, 57.021, 154.481



25, 57.021, 204.481

Sweetspot

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



25, 57.019, 334.481



50, 27.931, 330.353



11, 72.405, 306.954



24, 18.908, 330.544



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, 57.019, 334.481



34, 69.018, 334.705



23, 46.545, 12.090



22, 4.155, 329.066



27, 59.403, 334.556



57, 100.841, 334.977

Inverse Universe

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



25, 57.019, 334.481



34, 69.018, 334.705



42, 41.246, 158.127



22, 4.155, 329.066



27, 59.403, 334.556



57, 100.841, 334.977

Previews

White Background



This preview shows how the CIELCh color 25, 57.021, 334.481 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 CIE LCh color 25, 57.021, 334.481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

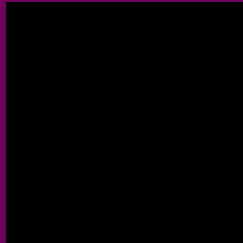
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 25, 57.021, 334.481

Background



This preview shows how black text looks on a background with the CIELCh color 25, 57.021, 334.481.



This preview shows how white text looks on a background with the CIELCh color 25, 57.021, 334.481.

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, 56.795, 334.491

Protanopia

27, 44.581, 285.183

Deuteranopia

26, 19.173, 282.132



Tritanopia
26, 34.643, 24.841

Trichromacy



Original Color
25, 56.795, 334.491

Protanomaly
21, 51.902, 300.848

Deuteranomaly
23, 36.806, 316.092

Tritanomaly
25, 40.169, 358.891

Monochromacy



Original Color
25, 56.795, 334.491

Achromatopsia
18, 0.003, 296.813

Achromatomaly
18, 28.477, 331.937

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 57.021, 334.481 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(113, 1, 97)` looks like.

```
.text, #text, p{  
    color:rgb(113, 1, 97)  
}
```

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(113, 1, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 1, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 57.021, 334.481 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(113, 1, 97) }
```

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

```
.border{ border-color:rgb(113, 1, 97) }
```

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

Here you see how a box with a 4 pixel rgb(113, 1, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 1, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 1, 97);  
box-shadow:4px 4px 4px 4px rgb(113, 1, 97)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 25, 57.021, 334.481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 1, 97) }
```

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

```
.background{ background-color: rgb(113, 1,  
97) }
```

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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