

Converting Colors

CIELCh(25, 60.482, 315.598)

Have a look what the booklet for
CIELCh(25, 60.482, 315.598)
contains.

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Color

CIELCh(25, 60.482, 315.598)

Conversions

Conversions Part 1

Format	Color
Hex	571D7C
RGB	87, 29, 124
RGB Percent	34%, 11%, 49%
CMY	0.6571, 0.8845, 0.5120
CMYK	0.30, 0.76, 0.00, 0.51
HSL	277°, 62%, 30%
HSV	277°, 76%, 49%
XYZ	8.0894, 4.4155, 19.6426
YIQ	57.1720, 4.0730, 41.8410

Conversions

Conversions Part 2

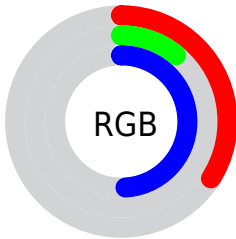
Format	Color
R_{YB}	87, 29, 124
Decimal	5709180
CIE _{Lab}	25.00, 43.21, -42.32
CIE _{LCh}	25, 60.482, 315.598
Yxy	4.4155, 0.2516, 0.1374
Android (android.graphics.Color)	4283899260 (0xFF571D7C)
YUV	57.1720, 32.9462, 26.1592
Hunter-Lab	21.0130, 31.9440, -40.7142

Details

The CIELCh color **25, 60.482, 315.598** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **47, 56.252, 129.866**, and the grayscale version is **24, 0.004, 296.813**.

A 20% lighter version of the original color is **45, 60.431, 315.569**, and **8, 50.659, 312.734** is the 20% darker color. If you saturate the color by 10%, you get **23, 65.965, 315.505**, and if you desaturate by 10%, it is **28, 53.705, 315.465**.

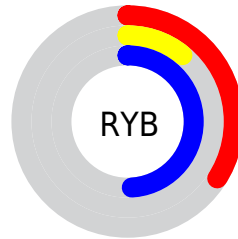
Distribution



Red (34%)

Green (11%)

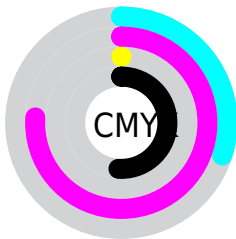
Blue (49%)



Red (34%)

Yellow (11%)

Blue (49%)

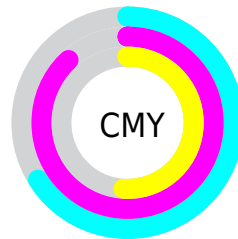


Cyan (30%)

Magenta (76%)

Yellow (0%)

Black (51%)



Cyan (66%)


Magenta (88%)


Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 25, 60.482, 315.598 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, 60.482, 315.598 by changing the saturation by 10% instead.

 25, 60.482,
315.598


 25, 60.482,
315.598

 100, 60.482,
315.598


 15, 60.482,
315.598

 45, 60.482,
315.598


 5, 60.482, 315.598

 55, 60.482,
315.598

 0, 60.482, 315.598

 65, 60.482,
315.598

 75, 60.482,
315.598

 85, 60.482,
315.598

 95, 60.482,

315.598

■ 25, 60.482,
315.598

■ 25, 60.482,
315.598

■ 23, 65.965,
315.505

■ 28, 53.705,
315.465

■ 21, 69.982,
315.163

■ 31, 46.080,
315.177

■ 20, 71.454,
315.063

■ 35, 37.978,
314.798

■ 38, 29.671,
314.371

■ 42, 21.341,
313.929

■ 46, 13.103,
313.492

■ 50, 5.023, 313.063

■ 54, 2.861, 132.734

■ 58, 10.532,
132.349

Harmonies

Complementary

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



25, 60.482, 315.598



47, 56.252, 129.866

Rectangle

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



25, 60.482, 315.598



25, 60.482, 5.598



25, 60.482, 135.598



25, 60.482, 185.598

Sweetspot

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



25, 60.481, 315.598



55, 22.911, 313.806



29, 37.132, 282.313



27, 16.027, 313.941



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



25, 60.481, 315.598



29, 83.192, 315.224



31, 56.585, 331.404



24, 4.421, 313.180



20, 71.665, 315.059



44, 121.143, 314.492

Inverse Universe

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



28, 43.172, 1.843



35, 58.195, 8.391



46, 58.556, 139.984



24, 3.236, 350.799



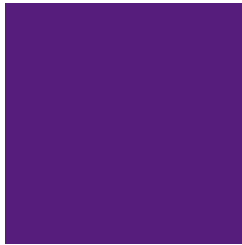
25, 49.923, 10.757



54, 84.565, 13.828

Previews

White Background



This preview shows how the CIELCh color 25, 60.482, 315.598 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, 60.482, 315.598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

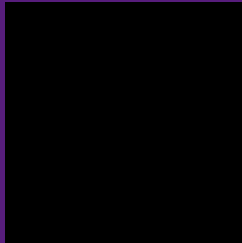
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 25, 60.482, 315.598

Background



This preview shows how black text looks on a background with the CIELCh color 25, 60.482, 315.598.



This preview shows how white text looks on a background with the CIELCh color 25, 60.482, 315.598.

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, 60.482, 315.598

Protanopia

25, 42.980, 285.073

Deuteranopia

25, 31.101, 272.354



Tritanopia
25, 10.759, 4.001

Trichromacy



Original Color
25, 60.482, 315.598

Protanomaly
23, 50.066, 295.679

Deuteranomaly
23, 41.798, 292.405

Tritanomaly
24, 28.371, 324.316

Monochromacy



Original Color
25, 60.482, 315.598

Achromatopsia
24, 0.004, 296.813

Achromatomaly
24, 24.073, 314.732

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 60.482, 315.598 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(87, 29, 124)` looks like.

```
.text, #text, p{  
    color:rgb(87, 29, 124)  
}
```

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(87, 29, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 29, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 60.482, 315.598 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(87, 29, 124) }
```

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

```
.border{ border-color:rgb(87, 29, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 29, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 29, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 29, 124);  
box-shadow:4px 4px 4px 4px rgb(87, 29,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 25, 60.482, 315.598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 29, 124) }
```

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

```
.background{ background-color: rgb(87, 29,  
124) }
```

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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