

Converting Colors

CIELCh(25, 63.905, 326.909)

Have a look what the booklet for
CIELCh(25, 63.905, 326.909)
contains.

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Color

CIELCh(25, 63.506, 326.899)

Conversions

Conversions Part 1

Format	Color
Hex	6D0071
RGB	109, 0, 113
RGB Percent	43%, 0%, 44%
CMY	0.5735, 1.0000, 0.5577
CMYK	0.04, 1.00, 0.00, 0.56
HSL	298°, 100%, 22%
HSV	298°, 100%, 44%
XYZ	9.2423, 4.4155, 15.9235
YIQ	45.4730, 28.6910, 58.2510

Conversions

Conversions Part 2

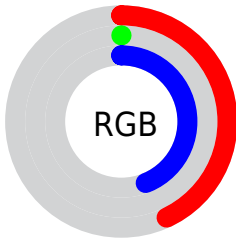
Format	Color
R_{YB}	109, 0, 113
Decimal	7143537
CIE _{Lab}	25.00, 53.20, -34.68
CIE _{LCh}	25, 63.506, 326.899
Yxy	4.4155, 0.3124, 0.1493
Android (android.graphics.Color)	4285333617 (0xFF6D0071)
YUV	45.4730, 33.2908, 55.7132
Hunter-Lab	21.0130, 41.7379, -30.2202

Details

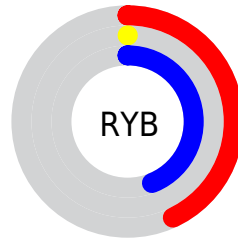
The CIELCh color **25, 63.506, 326.899** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **41, 65.385, 135.751**, and the grayscale version is **18, 0.003, 296.813**.

A 20% lighter version of the original color is **45, 63.245, 327.067**, and **11, 43.207, 324.487** is the 20% darker color. If you saturate the color by 10%, you get **25, 63.419, 326.893**, and if you desaturate by 10%, it is **26, 60.919, 326.843**.

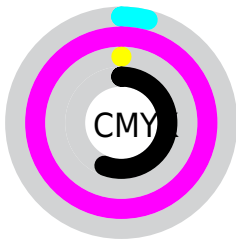
Distribution



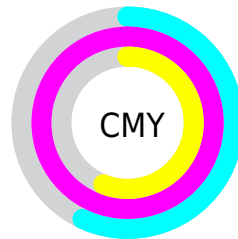
- Red (43%)
- Green (0%)
- Blue (44%)



- Red (43%)
- Yellow (0%)
- Blue (44%)



- Cyan (4%)
- Magenta (100%)
- Yellow (0%)
- Black (56%)





- Cyan (57%)
- Magenta (100%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 25, 63.506, 326.899 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, 63.506, 326.899 by changing the saturation by 10% instead.

 25, 63.506,
326.899


 25, 63.506,
326.899

 100, 63.506,
326.899


 15, 63.506,
326.899


 45, 63.506,
326.899


 5, 63.506, 326.899

 55, 63.506,
326.899

 0, 63.506, 326.899

 65, 63.506,
326.899

 75, 63.506,
326.899

 85, 63.506,
326.899

 95, 63.506,

326.899

■ 25, 63.506,
326.899

■ 25, 63.506,
326.899

■ 25, 63.419,
326.893

■ 26, 60.919,
326.843

■ 27, 57.575,
326.736

■ 28, 52.814,
326.529

■ 30, 46.837,
326.231

■ 33, 39.923,
325.859

■ 35, 32.360,
325.431

■ 38, 24.406,
324.964

■ 41, 16.268,
324.474

■ 44, 8.099, 323.967

Harmonies

Complementary

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



25, 63.506, 326.899



41, 65.385, 135.751

Rectangle

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



25, 63.506, 326.899



25, 63.506, 16.899



25, 63.506, 146.899



25, 63.506, 196.899

Sweetspot

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



25, 63.419, 326.893



49, 30.042, 325.001



11, 70.532, 305.215



24, 20.630, 325.156



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, 63.419, 326.893



33, 76.149, 326.859



23, 47.291, 355.584



22, 4.533, 323.915



27, 66.233, 326.884



57, 113.129, 326.808

Inverse Universe

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



22, 54.194, 35.760



30, 66.824, 37.838



41, 50.103, 147.862



22, 2.650, 16.970



24, 57.040, 36.383



52, 100.803, 38.997

Previews

White Background



This preview shows how the CIELCh color 25, 63.506, 326.899 looks on a white background.

Color Contrast Check

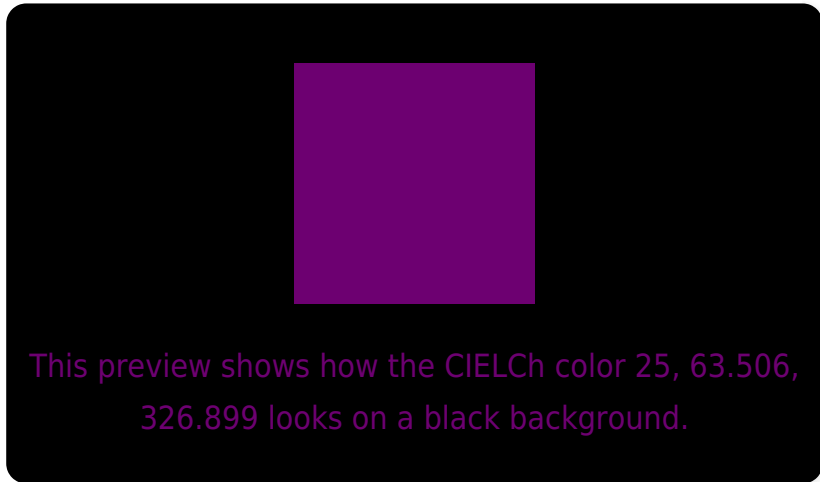
Large Text (above 18pt) WCAG AA ✓ Pass

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

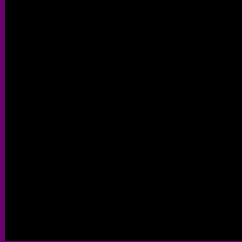
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 25, 63.506, 326.899

Background



This preview shows how black text looks on a background with the CIELCh color 25, 63.506, 326.899.



This preview shows how white text looks on a background with the CIELCh color 25, 63.506, 326.899.

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, 63.506, 326.899

Protanopia
26, 43.983, 284.804

Deuteranopia
27, 28.743, 278.451



Tritanopia
26, 28.032, 21.974

Trichromacy



Original Color
25, 63.506, 326.899

Protanomaly
21, 54.956, 300.945

Deuteranomaly
22, 45.364, 306.710

Tritanomaly
24, 38.815, 348.010

Monochromacy



Original Color
25, 63.506, 326.899

Achromatopsia
18, 0.003, 296.813

Achromatomaly
18, 31.145, 325.646

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 63.506, 326.899 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(109, 0, 113)` looks like.

```
.text, #text, p{  
    color:rgb(109, 0, 113)  
}
```

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(109, 0, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 0, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 63.506, 326.899 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(109, 0, 113) }
```

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

```
.border{ border-color:rgb(109, 0, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 0, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 0, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 0, 113);  
box-shadow:4px 4px 4px 4px rgb(109, 0,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 25, 63.506, 326.899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 0, 113) }
```

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

```
.background{ background-color: rgb(109, 0,  
113) }
```

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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