

Converting Colors

CIELCh(20, 81.646, 328.599)

Have a look what the booklet for
CIELCh(20, 81.646, 328.599)
contains.

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Color

CIELCh(25, 63.050, 327.558)

Conversions

Conversions Part 1

Format	Color
Hex	6D006F
RGB	109, 0, 111
RGB Percent	43%, 0%, 44%
CMY	0.5709, 1.0000, 0.5629
CMYK	0.02, 1.00, 0.00, 0.56
HSL	299°, 100%, 22%
HSV	299°, 100%, 44%
XYZ	9.2436, 4.4155, 15.5373
YIQ	45.2450, 29.3330, 57.6290

Conversions

Conversions Part 2

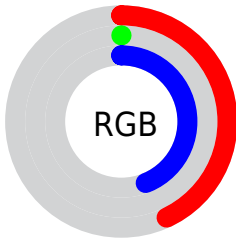
Format	Color
R_{YB}	109, 0, 111
Decimal	7143535
CIE _{Lab}	25.00, 53.21, -33.82
CIE _{LCh}	25, 63.050, 327.558
Yxy	4.4155, 0.3166, 0.1512
Android (android.graphics.Color)	4285333615 (0xFF6D006F)
YUV	45.2450, 32.4172, 55.9131
Hunter-Lab	21.0130, 41.7487, -29.1306

Details

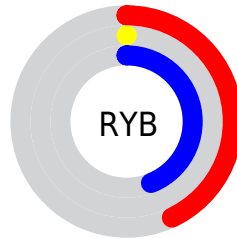
The CIELCh color **25, 63.050, 327.558** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **40, 64.952, 135.879**, and the grayscale version is **19, 0.003, 296.813**.

A 20% lighter version of the original color is **45, 62.389, 327.682**, and **11, 42.225, 325.470** is the 20% darker color. If you saturate the color by 10%, you get **25, 62.835, 327.544**, and if you desaturate by 10%, it is **26, 60.372, 327.454**.

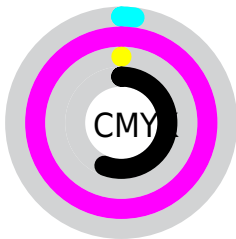
Distribution



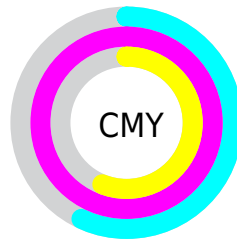
- Red (43%)
- Green (0%)
- Blue (44%)



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



- Cyan (2%)
- Magenta (100%)
- Yellow (0%)
- Black (56%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 25, 63.050, 327.558 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, 63.050, 327.558 by changing the saturation by 10% instead.

 25, 63.050,
327.558


 25, 63.050,
327.558

 100, 63.050,
327.558


 15, 63.050,
327.558


 45, 63.050,
327.558


 5, 63.050, 327.558

 55, 63.050,
327.558

 0, 63.050, 327.558

 65, 63.050,
327.558

 75, 63.050,
327.558

 85, 63.050,
327.558

 95, 63.050,

327.558

■ 25, 63.050,
327.558

■ 25, 63.050,
327.558

■ 25, 62.835,
327.544

■ 26, 60.372,
327.454

■ 27, 57.089,
327.312

■ 28, 52.406,
327.079

■ 30, 46.512,
326.762

■ 32, 39.674,
326.376

■ 35, 32.180,
325.937

■ 38, 24.283,
325.460

■ 41, 16.193,
324.959

■ 44, 8.064, 324.443

Harmonies

Complementary

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



25, 63.050, 327.558



40, 64.952, 135.879

Rectangle

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



25, 63.050, 327.558



25, 63.050, 17.558



25, 63.050, 147.558



25, 63.050, 197.558

Sweetspot

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



25, 62.835, 327.544



49, 30.180, 325.499



11, 70.812, 305.560



24, 20.721, 325.658



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, 62.835, 327.544



34, 76.080, 327.526



23, 46.650, 356.969



22, 4.557, 324.390



27, 66.174, 327.539



58, 113.021, 327.499

Inverse Universe

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



22, 54.074, 36.320



30, 67.423, 38.539



41, 48.862, 148.663



22, 2.649, 18.377



24, 57.504, 37.074



52, 101.459, 39.478

Previews

White Background



This preview shows how the CIELCh color 25, 63.050, 327.558 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, 63.050, 327.558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

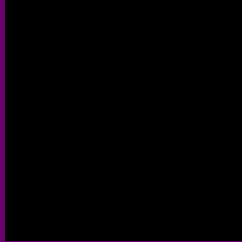
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 25, 63.050, 327.558

Background



This preview shows how black text looks on a background with the CIELCh color 25, 63.050, 327.558.



This preview shows how white text looks on a background with the CIELCh color 25, 63.050, 327.558.

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, 62.649, 327.553

Protanopia

27, 44.581, 285.183

Deuteranopia

27, 28.046, 278.688



Tritanopia
26, 28.509, 22.149

Trichromacy



Original Color
25, 62.649, 327.553

Protanomaly
21, 55.556, 301.008

Deuteranomaly
22, 44.759, 307.199

Tritanomaly
25, 38.805, 349.396

Monochromacy



Original Color
25, 62.649, 327.553

Achromatopsia
18, 0.003, 296.813

Achromatomaly
18, 30.627, 326.343

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 63.050, 327.558 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, 111)` looks like.

```
.text, #text, p{  
    color:rgb(109, 0, 111)  
}
```

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, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 0, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 63.050, 327.558 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, 111) }
```

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

```
.border{ border-color:rgb(109, 0, 111) }
```

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, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 0, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 0, 111);  
box-shadow:4px 4px 4px 4px rgb(109, 0,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 25, 63.050, 327.558 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, 111) }
```

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

```
.background{ background-color: rgb(109, 0,  
111) }
```

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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