

Converting Colors

CIELCh(17, 94.687, 328.214)

Have a look what the booklet for
CIELCh(17, 94.687, 328.214)
contains.

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Color

CIELCh(25, 64.804, 325.965)

Conversions

Conversions Part 1

Format	Color
Hex	6C0073
RGB	108, 0, 115
RGB Percent	42%, 0%, 45%
CMY	0.5757, 1.0000, 0.5481
CMYK	0.06, 1.00, 0.00, 0.55
HSL	296°, 100%, 23%
HSV	296°, 100%, 45%
XYZ	9.3031, 4.4155, 16.6548
YIQ	45.4020, 27.4530, 58.6610

Conversions

Conversions Part 2

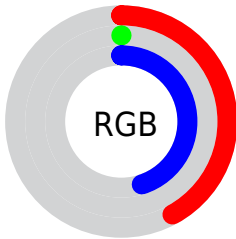
Format	Color
R_{YB}	108, 0, 115
Decimal	7078003
CIE _{Lab}	25.00, 53.70, -36.27
CIE _{LCh}	25, 64.804, 325.965
Yxy	4.4155, 0.3063, 0.1454
Android (android.graphics.Color)	4285268083 (0xFF6C0073)
YUV	45.4020, 34.3118, 54.8984
Hunter-Lab	21.0130, 42.2546, -32.2837

Details

The CIELCh color **25, 64.804, 325.965** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **42, 66.236, 135.573**, and the grayscale version is **19, 0.003, 296.813**.

A 20% lighter version of the original color is **45, 64.463, 325.877**, and **11, 44.265, 323.068** is the 20% darker color. If you saturate the color by 10%, you get **25, 64.505, 325.939**, and if you desaturate by 10%, it is **26, 61.948, 325.949**.

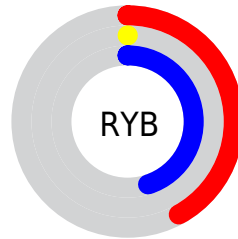
Distribution



Red (42%)

Green (0%)

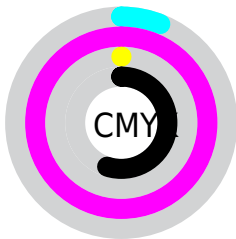
Blue (45%)



Red (42%)

Yellow (0%)

Blue (45%)

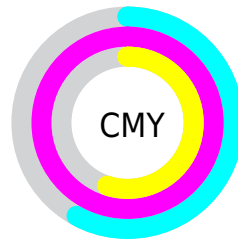


Cyan (6%)

Magenta (100%)

Yellow (0%)

Black (55%)



Cyan (58%)


Magenta (100%)


Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 25, 64.804, 325.965 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, 64.804, 325.965 by changing the saturation by 10% instead.

 25, 64.804,
325.965

 25, 64.804,
325.965

 100, 64.804,
325.965


 15, 64.804,
325.965


 45, 64.804,
325.965


 5, 64.804, 325.965

 55, 64.804,
325.965

 0, 64.804, 325.965

 65, 64.804,
325.965

 75, 64.804,
325.965

 85, 64.804,
325.965

 95, 64.804,

325.965

■ 25, 64.804,
325.965

■ 25, 64.804,
325.965

■ 25, 64.505,
325.939

■ 26, 61.948,
325.949

■ 27, 58.502,
325.892

■ 29, 53.609,
325.720

■ 31, 47.490,
325.448

■ 33, 40.435,
325.095

■ 36, 32.744,
324.683

■ 39, 24.676,
324.229

■ 42, 16.438,
323.752

■ 45, 8.180, 323.258

Harmonies

Complementary

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



25, 64.804, 325.965



42, 66.236, 135.573

Rectangle

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



25, 64.804, 325.965



25, 64.804, 15.965



25, 64.804, 145.965



25, 64.804, 195.965

Sweetspot

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



25, 64.505, 325.939



50, 30.695, 324.266



12, 70.820, 304.896



24, 21.083, 324.420



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



25, 64.505, 325.939



34, 78.222, 325.880



24, 48.301, 354.257



23, 4.668, 323.210



27, 67.349, 325.925



57, 114.209, 325.799

Inverse Universe

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



23, 54.560, 34.955



31, 67.791, 36.954



42, 51.746, 147.062



23, 2.756, 14.912



24, 57.365, 35.542



52, 100.595, 38.249

Previews

White Background



This preview shows how the CIE LCh color 25, 64.804, 325.965 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, 64.804, 325.965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

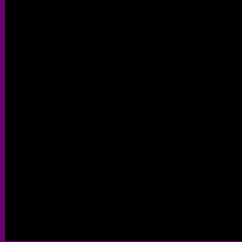
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 25, 64.804, 325.965

Background



This preview shows how black text looks on a background with the CIELCh color 25, 64.804, 325.965.



This preview shows how white text looks on a background with the CIELCh color 25, 64.804, 325.965.

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, 64.407, 325.947

Protanopia

27, 44.581, 285.183

Deuteranopia

27, 29.524, 276.999



Tritanopia
26, 27.001, 21.508

Trichromacy



Original Color
25, 64.407, 325.947

Protanomaly
21, 56.185, 300.875

Deuteranomaly
22, 46.513, 305.030

Tritanomaly
24, 38.380, 346.822

Monochromacy



Original Color
25, 64.407, 325.947

Achromatopsia
18, 0.003, 296.813

Achromatomaly
18, 31.668, 324.978

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 64.804, 325.965 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(108, 0, 115)` looks like.

```
.text, #text, p{  
    color:rgb(108, 0, 115)  
}
```

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(108, 0, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 0, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 64.804, 325.965 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(108, 0, 115) }
```

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

```
.border{ border-color:rgb(108, 0, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 0, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 0, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 0, 115);  
box-shadow:4px 4px 4px 4px rgb(108, 0,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 25, 64.804, 325.965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 0, 115) }
```

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

```
.background{ background-color: rgb(108, 0,  
115) }
```

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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