

Converting Colors

CIELCh(25, 65.206, 324.902)

Have a look what the booklet for
CIELCh(25, 65.206, 324.902)
contains.

CIELCh(25, 65.101, 325.012)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(25, 65.101, 325.012)

Conversions

Conversions Part 1

Format	Color
Hex	6B0175
RGB	107, 1, 117
RGB Percent	42%, 0%, 46%
CMY	0.5809, 0.9969, 0.5417
CMYK	0.09, 0.99, 0.00, 0.54
HSL	295°, 99%, 23%
HSV	295°, 99%, 46%
XYZ	9.2587, 4.4155, 17.1541
YIQ	45.9180, 25.9400, 58.5480

Conversions

Conversions Part 2

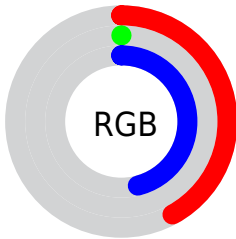
Format	Color
R_{YB}	107, 1, 117
Decimal	7012725
CIE _{Lab}	25.00, 53.34, -37.33
CIE _{LCh}	25, 65.101, 325.012
Yxy	4.4155, 0.3003, 0.1432
Android (android.graphics.Color)	4285202805 (0xFF6B0175)
YUV	45.9180, 35.0434, 53.5689
Hunter-Lab	21.0130, 41.8772, -33.6927

Details

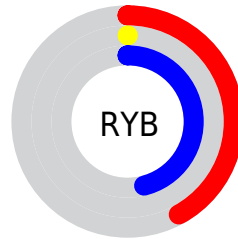
The CIELCh color **25, 65.101, 325.012** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **42, 66.553, 135.449**, and the grayscale version is **19, 0.003, 296.813**.

A 20% lighter version of the original color is **45, 65.268, 325.015**, and **11, 45.349, 321.752** is the 20% darker color. If you saturate the color by 10%, you get **25, 65.279, 325.009**, and if you desaturate by 10%, it is **26, 62.467, 325.076**.

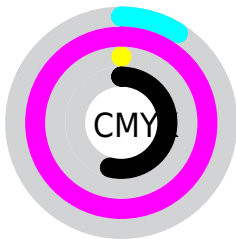
Distribution



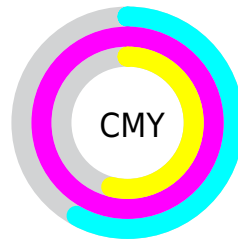
- Red (42%)
- Green (0%)
- Blue (46%)



- Red (42%)
- Yellow (0%)
- Blue (46%)



- Cyan (9%)
- Magenta (99%)
- Yellow (0%)
- Black (54%)





- Cyan (58%)
- Magenta (100%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 25, 65.101, 325.012 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, 65.101, 325.012 by changing the saturation by 10% instead.

 25, 65.101,
325.012


 25, 65.101,
325.012

 100, 65.101,
325.012


 15, 65.101,
325.012


 45, 65.101,
325.012


 5, 65.101, 325.012

 55, 65.101,
325.012

 0, 65.101, 325.012

 65, 65.101,
325.012

 75, 65.101,
325.012

 85, 65.101,
325.012

 95, 65.101,

325.012

■ 25, 65.101,
325.012

■ 25, 65.101,
325.012

■ 25, 65.279,
325.009

■ 26, 62.467,
325.076

■ 27, 58.821,
325.056

■ 29, 53.724,
324.909

■ 31, 47.417,
324.653

■ 34, 40.208,
324.312

■ 37, 32.400,
323.909

■ 40, 24.249,
323.466

■ 43, 15.955,
322.999

■ 46, 7.660, 322.517

Harmonies

Complementary

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



25, 65.101, 325.012



42, 66.553, 135.449

Rectangle

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



25, 65.101, 325.012



25, 65.101, 15.012



25, 65.101, 145.012



25, 65.101, 195.012

Sweetspot

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



25, 65.100, 325.012



51, 30.919, 323.532



13, 69.533, 304.138



24, 20.953, 323.680



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, 65.100, 325.012



34, 79.349, 324.927



24, 49.362, 351.403



23, 4.633, 322.503



26, 67.478, 324.993



56, 114.448, 324.818

Inverse Universe

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



23, 54.330, 33.943



31, 67.752, 35.876



43, 53.669, 145.737



23, 2.765, 12.888



24, 56.705, 34.493



52, 99.371, 37.284

Previews

White Background



This preview shows how the CIE LCh color 25, 65.101, 325.012 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, 65.101, 325.012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

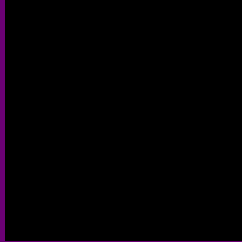
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 25, 65.101, 325.012

Background



This preview shows how black text looks on a background with the CIELCh color 25, 65.101, 325.012.



This preview shows how white text looks on a background with the CIELCh color 25, 65.101, 325.012.

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, 65.101, 325.012

Protanopia

26, 43.983, 284.804

Deuteranopia

27, 30.952, 276.440



Tritanopia
26, 25.970, 21.037

Trichromacy



Original Color
25, 65.101, 325.012

Protanomaly
21, 56.185, 300.875

Deuteranomaly
22, 47.188, 303.274

Tritanomaly
24, 38.244, 344.794

Monochromacy



Original Color
25, 65.101, 325.012

Achromatopsia
19, 0.004, 296.813

Achromatomaly
18, 31.518, 324.226

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 65.101, 325.012 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(107, 1, 117)` looks like.

```
.text, #text, p{  
    color:rgb(107, 1, 117)  
}
```

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(107, 1, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 1, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 65.101, 325.012 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(107, 1, 117) }
```

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

```
.border{ border-color:rgb(107, 1, 117) }
```

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

Here you see how a box with a 4 pixel rgb(107, 1, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 1, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 1, 117);  
box-shadow:4px 4px 4px 4px rgb(107, 1,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 25, 65.101, 325.012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 1, 117) }
```

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

```
.background{ background-color: rgb(107, 1,  
117) }
```

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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