

Converting Colors

CIELCh(25, 73.222, 316.820)

Have a look what the booklet for
CIELCh(25, 73.222, 316.820)
contains.

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Color

CIELCh(25, 73.281, 316.719)

Conversions

Conversions Part 1

Format	Color
Hex	5E0A89
RGB	94, 10, 137
RGB Percent	37%, 4%, 54%
CMY	0.6309, 0.9601, 0.4623
CMYK	0.31, 0.93, 0.00, 0.46
HSL	280°, 86%, 29%
HSV	280°, 93%, 54%
XYZ	9.2603, 4.4155, 24.0694
YIQ	49.5940, 9.2970, 57.3050

Conversions

Conversions Part 2

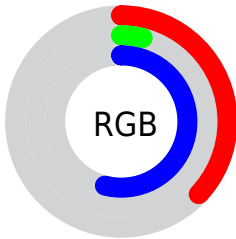
Format	Color
RYB	94, 10, 137
Decimal	6163081
CIELab	25.00, 53.35, -50.24
CIELCh	25, 73.281, 316.719
Yxy	4.4155, 0.2453, 0.1170
Android (android.graphics.Color)	4284353161 (0xFF5E0A89)
YUV	49.5940, 43.0912, 38.9441
Hunter-Lab	21.0130, 41.8907, -53.2048

Details

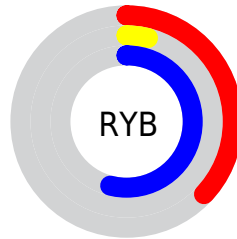
The CIELCh color **25, 73.281, 316.719** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **50, 69.264, 131.706**, and the grayscale version is **20, 0.004, 296.813**.

A 20% lighter version of the original color is **45, 72.945, 316.726**, and **10, 56.484, 312.016** is the 20% darker color. If you saturate the color by 10%, you get **24, 75.933, 316.414**, and if you desaturate by 10%, it is **27, 68.862, 317.034**.

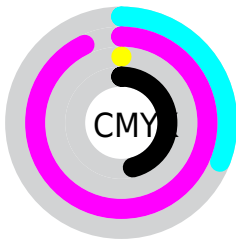
Distribution



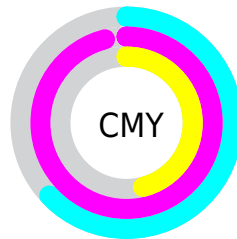
- Red (37%)
- Green (4%)
- Blue (54%)



- Red (37%)
- Yellow (4%)
- Blue (54%)



- Cyan (31%)
- Magenta (93%)
- Yellow (0%)
- Black (46%)





- Cyan (63%)
- Magenta (96%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 25, 73.281, 316.719 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, 73.281, 316.719 by changing the saturation by 10% instead.

 25, 73.281,
316.719


 25, 73.281,
316.719

 100, 73.281,
316.719


 15, 73.281,
316.719


 45, 73.281,
316.719


 5, 73.281, 316.719

 55, 73.281,
316.719

 0, 73.281, 316.719

 65, 73.281,
316.719

 75, 73.281,
316.719

 85, 73.281,
316.719

 95, 73.281,

316.719

■ 25, 73.281,
316.719

■ 25, 73.281,
316.719

■ 24, 75.933,
316.414

■ 27, 68.862,
317.034

■ 30, 62.695,
317.081

■ 33, 55.212,
316.927

■ 36, 46.867,
316.637

■ 40, 38.038,
316.265

■ 44, 29.005,
315.849

■ 48, 19.954,
315.419

■ 52, 11.005,
314.991

■ 56, 2.230, 314.539

Harmonies

Complementary

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



25, 73.281, 316.719



50, 69.264, 131.706

Rectangle

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



25, 73.281, 316.719



25, 73.281, 6.719



25, 73.281, 136.719



25, 73.281, 186.719

Sweetspot

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



25, 73.281, 316.719



58, 30.852, 315.680



25, 53.743, 292.193



28, 21.267, 315.842



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



25, 73.281, 316.719



32, 92.292, 316.195



31, 63.803, 334.554



27, 4.940, 314.845



23, 74.103, 316.446



0, 2.271, 314.492

Inverse Universe

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



29, 51.970, 12.642



38, 65.956, 17.382



50, 69.343, 138.838



27, 3.470, 354.098



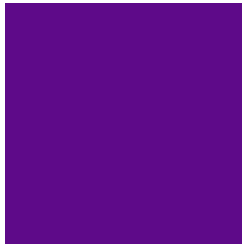
27, 52.750, 15.847



0, 1.585, 353.327

Previews

White Background



This preview shows how the CIELCh color 25, 73.281, 316.719 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, 73.281, 316.719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

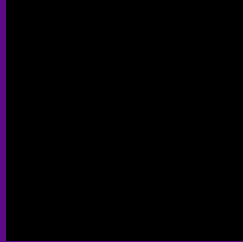
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 25, 73.281, 316.719

Background



This preview shows how black text looks on a background with the CIELCh color 25, 73.281, 316.719.



This preview shows how white text looks on a background with the CIELCh color 25, 73.281, 316.719.

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, 73.281, 316.719

Protanopia
26, 43.515, 285.111

Deuteranopia
26, 31.100, 271.898



Tritanopia
26, 12.511, 10.023

Trichromacy



Original Color
25, 73.281, 316.719

Protanomaly
22, 57.949, 299.654

Deuteranomaly
22, 49.780, 297.295

Tritanomaly
24, 35.949, 325.876

Monochromacy



Original Color
25, 73.281, 316.719

Achromatopsia
21, 0.004, 296.813

Achromatomaly
20, 32.715, 316.363

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 73.281, 316.719 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(94, 10, 137)` looks like.

```
.text, #text, p{  
    color:rgb(94, 10, 137)  
}
```

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(94, 10, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 10, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 73.281, 316.719 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(94, 10, 137) }
```

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

```
.border{ border-color:rgb(94, 10, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 10, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 10, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 10, 137);  
box-shadow:4px 4px 4px 4px rgb(94, 10,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 25, 73.281, 316.719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 10, 137) }
```

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

```
.background{ background-color: rgb(94, 10,  
137) }
```

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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