

Converting Colors

CIELCh(25, 105.623, 307.609)

Have a look what the booklet for
CIELCh(25, 105.623, 307.609)
contains.

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Color

CIELCh(25, 105.640, 307.608)

Conversions

Conversions Part 1

Format	Color
Hex	2F01C0
RGB	47, 1, 192
RGB Percent	18%, 0%, 75%
CMY	0.8166, 0.9969, 0.2476
CMYK	0.76, 1.00, 0.00, 0.25
HSL	254°, 99%, 38%
HSV	254°, 100%, 75%
XYZ	10.6688, 4.4155, 50.0757
YIQ	36.5280, -33.8950, 69.1530

Conversions

Conversions Part 2

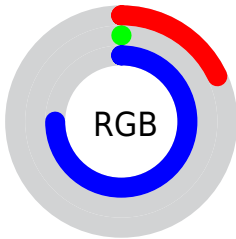
Format	Color
R _Y B	47, 1, 192
Decimal	3080640
CIE Lab	25.00, 64.47, -83.69
CIE LCh	25, 105.640, 307.608
Yxy	4.4155, 0.1637, 0.0678
Android (android.graphics.Color)	4281270720 (0xFF2F01C0)
YUV	36.5280, 76.6477, 9.1839
Hunter-Lab	21.0130, 53.8555, -126.5837

Details

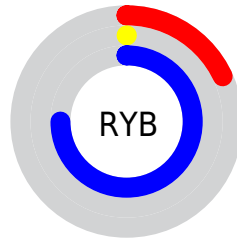
The CIELCh color **25, 105.640, 307.608** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **72, 81.038, 116.892**, and the grayscale version is **14, 0.003, 296.813**.

A 20% lighter version of the original color is **45, 105.551, 307.578**, and **14, 84.316, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **25, 105.858, 307.618**, and if you desaturate by 10%, it is **28, 100.006, 307.477**.

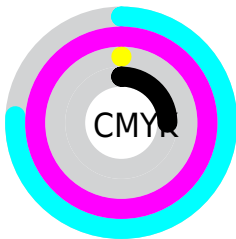
Distribution



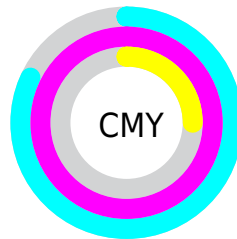
- Red (18%)
- Green (0%)
- Blue (75%)



- Red (18%)
- Yellow (0%)
- Blue (75%)



- Cyan (76%)
- Magenta (100%)
- Yellow (0%)
- Black (25%)





- Cyan (82%)
- Magenta (100%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 25, 105.640, 307.608 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, 105.640, 307.608 by changing the saturation by 10% instead.


 25, 105.640,
307.608


 25, 105.640,
307.608


 100, 105.640,
307.608


 15, 105.640,
307.608


 45, 105.640,
307.608


 5, 105.640,
307.608

 55, 105.640,
307.608

 0, 105.640,
307.608

 65, 105.640,
307.608

 75, 105.640,
307.608

 85, 105.640,
307.608

 95, 105.640,

307.608

■ 25, 105.640,
307.608

■ 25, 105.640,
307.608

■ 25, 105.858,
307.618

■ 28, 100.006,
307.477

■ 31, 91.442,
306.921

■ 36, 80.629,
306.004

■ 42, 68.731,
304.922

■ 47, 56.522,
303.813

■ 53, 44.418,
302.759

■ 59, 32.619,
301.796

■ 66, 21.204,
300.938

■ 72, 10.194,
300.184

Harmonies

Complementary

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



25, 105.640, 307.608



72, 81.038, 116.892

Rectangle

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



25, 105.640, 307.608



25, 105.640, 357.608



25, 105.640, 127.608



25, 105.640, 177.608

Sweetspot

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



25, 105.642, 307.609



75, 41.051, 301.877



57, 36.287, 242.711



37, 28.215, 302.278



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



25, 105.642, 307.609



34, 129.349, 307.497



37, 95.990, 318.437



38, 6.072, 300.168



20, 92.679, 307.721



1, 19.656, 297.612

Inverse Universe

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



43, 77.504, 340.727



56, 94.316, 341.041



68, 93.723, 133.737



38, 6.109, 332.562



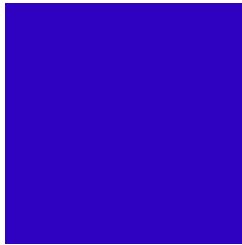
36, 68.131, 340.575



4, 19.268, 336.772

Previews

White Background



This preview shows how the CIE LCh color 25, 105.640, 307.608 looks on a white background.

Color Contrast Check

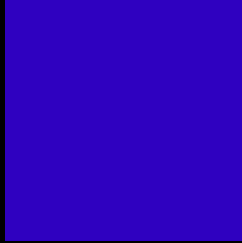
Large Text (above 18pt) WCAG AA ✓ Pass

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, 105.640, 307.608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

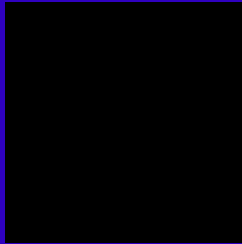
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 25, 105.640, 307.608

Background



This preview shows how black text looks on a background with the CIELCh color 25, 105.640, 307.608.



This preview shows how white text looks on a background with the CIELCh color 25, 105.640,

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, 105.640, 307.608

Protanopia

26, 43.515, 285.111

Deuteranopia

26, 29.477, 268.969



Tritanopia
26, 18.834, 204.688

Trichromacy



Original Color
25, 105.640, 307.608

Protanomaly
23, 71.928, 300.619

Deuteranomaly
22, 63.072, 298.535

Tritanomaly
21, 48.253, 293.849

Monochromacy



Original Color
25, 105.640, 307.608

Achromatopsia
14, 0.003, 296.813

Achromatomaly
15, 48.171, 306.110

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 105.640, 307.608 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(47, 1, 192)` looks like.

```
.text, #text, p{  
    color:rgb(47, 1, 192)  
}
```

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(47, 1, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 1, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 105.640, 307.608 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(47, 1, 192) }
```

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

```
.border{ border-color:rgb(47, 1, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 1, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 1, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 1, 192);  
box-shadow:4px 4px 4px 4px rgb(47, 1, 192)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 25, 105.640, 307.608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 1, 192) }
```

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

```
.background{ background-color: rgb(47, 1,  
192) }
```

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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