

Converting Colors

CIELCh(25, 112.216, 306.233)

Have a look what the booklet for
CIELCh(25, 112.216, 306.233)
contains.

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Color

CIELCh(25, 112.137, 306.247)

Conversions

Conversions Part 1

Format	Color
Hex	0602CB
RGB	6, 2, 203
RGB Percent	2%, 1%, 80%
CMY	0.9749, 0.9909, 0.2029
CMYK	0.97, 0.99, 0.00, 0.20
HSL	241°, 98%, 40%
HSV	241°, 99%, 80%
XYZ	10.9142, 4.4155, 56.9327
YIQ	26.1100, -62.1370, 63.3590

Conversions

Conversions Part 2

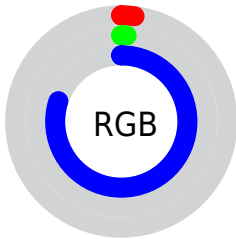
Format	Color
R_{YB}	6, 2, 203
Decimal	393931
CIE _{Lab}	25.00, 66.30, -90.44
CIE _{LCh}	25, 112.137, 306.247
Yxy	4.4155, 0.1510, 0.0611
Android (android.graphics.Color)	4278584011 (0xFF0602CB)
YUV	26.1100, 87.2068, -17.6365
Hunter-Lab	21.0130, 55.9405, -145.9313

Details

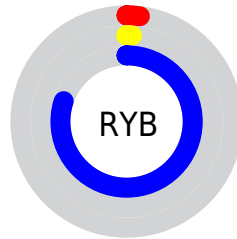
The CIELCh color **25, 112.137, 306.247** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **79, 81.494, 104.127**, and the grayscale version is **9, 0.003, 296.813**.

A 20% lighter version of the original color is **44, 109.084, 306.347**, and **16, 88.754, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **25, 112.694, 306.340**, and if you desaturate by 10%, it is **27, 106.479, 305.362**.

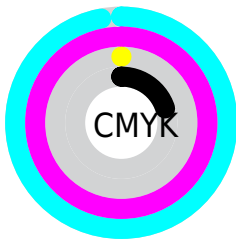
Distribution



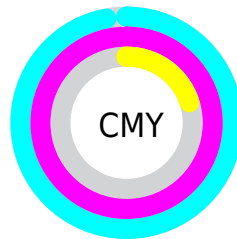
- Red (2%)
- Green (1%)
- Blue (80%)



- Red (2%)
- Yellow (1%)
- Blue (80%)



- Cyan (97%)
- Magenta (99%)
- Yellow (0%)
- Black (20%)





- Cyan (97%)
- Magenta (99%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 25, 112.137, 306.247 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, 112.137, 306.247 by changing the saturation by 10% instead.


 25, 112.137,
306.247


 25, 112.137,
306.247


 100, 112.137,
306.247


 15, 112.137,
306.247


 45, 112.137,
306.247


 5, 112.137,
306.247


 55, 112.137,
306.247

 0, 112.137,
306.247

 65, 112.137,
306.247

 75, 112.137,
306.247

 85, 112.137,
306.247

 95, 112.137,

306.247

■ 25, 112.137,
306.247

■ 25, 112.137,
306.247

■ 25, 112.694,
306.340

■ 27, 106.479,
305.362

■ 31, 96.863,
303.828

■ 36, 84.644,
301.850

■ 42, 71.447,
299.747

■ 49, 58.212,
297.737

■ 55, 45.340,
295.929

■ 62, 32.963,
294.353

■ 69, 21.095,
293.003

■ 76, 9.713, 291.857

Harmonies

Complementary

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



25, 112.137, 306.247



79, 81.494, 104.127

Rectangle

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



25, 112.137, 306.247



25, 112.137, 356.247



25, 112.137, 126.247



25, 112.137, 176.247

Sweetspot

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



25, 112.139, 306.248



75, 41.329, 294.581



73, 41.197, 199.007



37, 28.455, 295.240



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



25, 112.139, 306.248



32, 133.728, 306.327



33, 104.387, 312.272



39, 6.245, 291.914



19, 96.821, 306.356



1, 23.544, 292.972

Inverse Universe

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



48, 95.667, 329.046



60, 113.707, 329.073



73, 92.156, 128.576



40, 7.435, 325.482



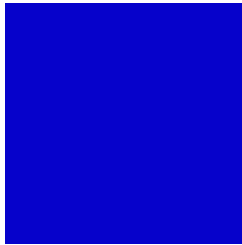
39, 82.401, 329.049



5, 28.575, 328.153

Previews

White Background



This preview shows how the CIE LCh color 25, 112.137, 306.247 looks on a white background.

Color Contrast Check

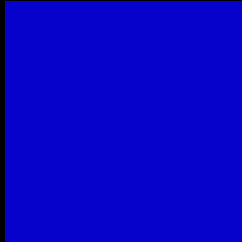
Large Text (above 18pt) WCAG AA ✓ Pass

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, 112.137, 306.247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

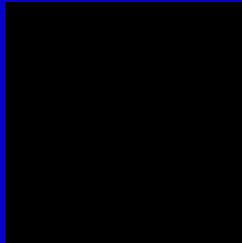
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 25, 112.137, 306.247

Background



This preview shows how black text looks on a background with the CIELCh color 25, 112.137, 306.247.



This preview shows how white text looks on a background with the CIELCh color 25, 112.137, 306.247.

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, 112.113, 306.260

Protanopia

26, 43.515, 285.111

Deuteranopia

25, 29.463, 269.438



Tritanopia
26, 18.936, 202.571

Trichromacy



Original Color
25, 112.113, 306.260

Protanomaly
23, 74.399, 300.299

Deuteranomaly
22, 65.620, 298.155

Tritanomaly
21, 50.310, 293.051

Monochromacy



Original Color
25, 112.113, 306.260

Achromatopsia
9, 0.003, 296.813

Achromatomaly
11, 51.223, 303.188

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 112.137, 306.247 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(6, 2, 203)` looks like.

```
.text, #text, p{  
    color:rgb(6, 2, 203)  
}
```

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(6, 2, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 2, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 112.137, 306.247 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(6, 2, 203) }
```

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

```
.border{ border-color:rgb(6, 2, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 2, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 2, 203); -webkit-box-shadow:4px  
4px 4px 4px rgb(6, 2, 203); box-shadow:4px  
4px 4px 4px rgb(6, 2, 203) }
```

Background

The CSS property to change the background color of an element to CIELCh 25, 112.137, 306.247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 2, 203) }
```

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

```
.background{ background-color: rgb(6, 2,  
203) }
```

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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