

Converting Colors

CIELCh(24, 110.641, 306.203)

Have a look what the booklet for
CIELCh(24, 110.641, 306.203)
contains.

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Color

CIELCh(24, 110.381, 306.231)

Conversions

Conversions Part 1

Format	Color
Hex	0001C6
RGB	0, 1, 198
RGB Percent	0%, 0%, 78%
CMY	0.9996, 0.9961, 0.2235
CMYK	1.00, 0.99, 0.00, 0.22
HSL	240°, 100%, 39%
HSV	240°, 100%, 78%
XYZ	10.2061, 4.1002, 53.6869
YIQ	23.1590, -63.8330, 61.0550

Conversions

Conversions Part 2

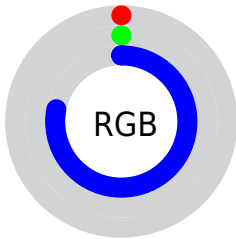
Format	Color
RYB	0, 1, 198
Decimal	454
CIELab	24.00, 65.24, -89.04
CIElCh	24, 110.381, 306.231
Yxy	4.1002, 0.1501, 0.0603
Android (android.graphics.Color)	4278190534 (0xFF0001C6)
YUV	23.1590, 86.1966, -20.3104
Hunter-Lab	20.2490, 54.5341, -143.0238

Details

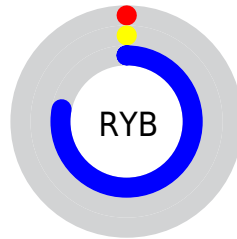
The CIELCh color **24, 110.381, 306.231** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **77, 79.821, 102.565**, and the grayscale version is **7, 0.002, 296.812**.

A 20% lighter version of the original color is **44, 109.672, 306.268**, and **15, 86.542, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **24, 110.407, 306.236**, and if you desaturate by 10%, it is **26, 104.964, 305.304**.

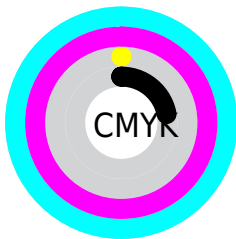
Distribution



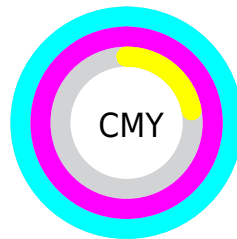
- Red (0%)
- Green (0%)
- Blue (78%)



- Red (0%)
- Yellow (0%)
- Blue (78%)



- Cyan (100%)
- Magenta (99%)
- Yellow (0%)
- Black (22%)





- Cyan (100%)
- Magenta (100%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 24, 110.381, 306.231 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 24, 110.381, 306.231 by changing the saturation by 10% instead.


 24, 110.381,
306.231


 24, 110.381,
306.231


 100, 110.381,
306.231


 14, 110.381,
306.231


 44, 110.381,
306.231


 4, 110.381,
306.231


 54, 110.381,
306.231

 0, 110.381,
306.231

 64, 110.381,
306.231

 74, 110.381,
306.231

 84, 110.381,
306.231

 94, 110.381,

306.231

■ 24, 110.381,
306.231

■ 24, 110.381,
306.231

■ 24, 110.407,
306.236

■ 26, 104.964,
305.304

■ 30, 95.796,
303.704

■ 35, 83.945,
301.623

■ 40, 71.059,
299.398

■ 47, 58.108,
297.265

■ 53, 45.510,
295.345

■ 60, 33.398,
293.672

■ 67, 21.787,
292.242

■ 73, 10.653,
291.029

Harmonies

Complementary

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



24, 110.381, 306.231



77, 79.821, 102.565

Rectangle

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



24, 110.381, 306.231



24, 110.381, 356.231



24, 110.381, 126.231



24, 110.381, 176.231

Sweetspot

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



24, 110.383, 306.232



75, 41.119, 293.750



72, 41.946, 193.850



37, 28.311, 294.440



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



24, 110.383, 306.232



32, 133.635, 306.250



31, 103.550, 311.473



38, 6.085, 290.966



19, 95.603, 306.223



1, 21.440, 291.632

Inverse Universe

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



41, 86.204, 39.811



53, 104.390, 39.872



72, 89.739, 127.556



39, 4.278, 19.551



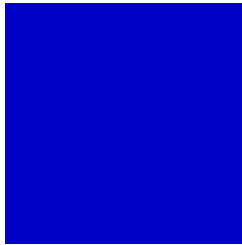
34, 74.458, 39.592



3, 15.886, 19.167

Previews

White Background



This preview shows how the CIE LCh color 24, 110.381, 306.231 looks on a white background.

Color Contrast Check

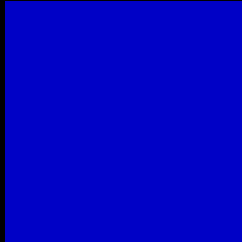
Large Text (above 18pt) WCAG AA ✓ Pass

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 24, 110.381, 306.231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

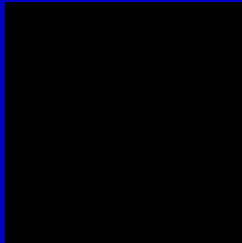
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 24, 110.381, 306.231

Background



This preview shows how black text looks on a background with the CIELCh color 24, 110.381, 306.231.



This preview shows how white text looks on a background with the CIELCh color 24, 110.381, 306.231.

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

24, 110.381, 306.231

Protanopia

25, 41.773, 284.266

Deuteranopia

25, 28.912, 269.037



Tritanopia
25, 18.872, 200.530

Trichromacy



Original Color
24, 110.381, 306.231

Protanomaly
22, 72.844, 300.155

Deuteranomaly
21, 64.584, 298.031

Tritanomaly
20, 49.202, 292.699

Monochromacy



Original Color
24, 110.381, 306.231

Achromatopsia
8, 0.002, 296.812

Achromatomaly
10, 50.885, 303.105

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 24, 110.381, 306.231 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(0, 1, 198)` looks like.

```
.text, #text, p{  
    color:rgb(0, 1, 198)  
}
```

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(0, 1, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 1, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 24, 110.381, 306.231 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(0, 1, 198) }
```

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

```
.border{ border-color:rgb(0, 1, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 1, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 1, 198); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 1, 198); box-shadow:4px  
4px 4px 4px rgb(0, 1, 198) }
```

Background

The CSS property to change the background color of an element to CIELCh 24, 110.381, 306.231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 1, 198) }
```

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

```
.background{ background-color: rgb(0, 1,  
198) }
```

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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