

Converting Colors

CIELCh(24, 107.558, 306.841)

Have a look what the booklet for
CIELCh(24, 107.558, 306.841)
contains.

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Color

CIELCh(24, 107.558, 306.841)

Conversions

Conversions Part 1

Format	Color
Hex	1C00C1
RGB	28, 0, 193
RGB Percent	11%, 0%, 76%
CMY	0.8898, 0.9999, 0.2430
CMYK	0.85, 1.00, 0.00, 0.24
HSL	249°, 100%, 38%
HSV	249°, 100%, 76%
XYZ	10.1100, 4.1002, 50.7270
YIQ	30.3740, -45.2650, 65.9590

Conversions

Conversions Part 2

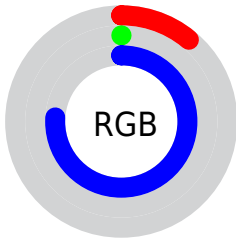
Format	Color
R_{YB}	28, 0, 193
Decimal	1835201
CIE _{Lab}	24.00, 64.49, -86.08
CIE _{LCh}	24, 107.558, 306.841
Yxy	4.1002, 0.1557, 0.0631
Android (android.graphics.Color)	4280025281 (0xFF1C00C1)
YUV	30.3740, 80.1746, -2.0820
Hunter-Lab	20.2490, 53.6868, -134.3568

Details

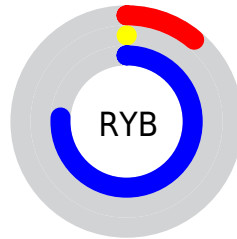
The CIELCh color **24, 107.558, 306.841** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **74, 79.737, 111.654**, and the grayscale version is **11, 0.003, 296.813**.

A 20% lighter version of the original color is **44, 107.463, 306.810**, and **15, 84.763, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **24, 107.567, 306.843**, and if you desaturate by 10%, it is **26, 101.955, 306.382**.

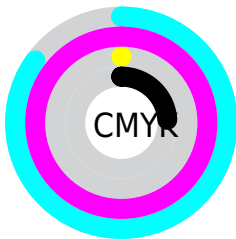
Distribution



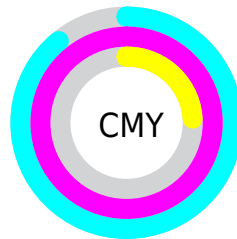
- Red (11%)
- Green (0%)
- Blue (76%)



- Red (11%)
- Yellow (0%)
- Blue (76%)



- Cyan (85%)
- Magenta (100%)
- Yellow (0%)
- Black (24%)





- Cyan (89%)
- Magenta (100%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 24, 107.558, 306.841 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, 107.558, 306.841 by changing the saturation by 10% instead.


 24, 107.558,
306.841


 24, 107.558,
306.841


 100, 107.558,
306.841


 14, 107.558,
306.841


 44, 107.558,
306.841


 4, 107.558,
306.841


 54, 107.558,
306.841

 0, 107.558,
306.841

 64, 107.558,
306.841

 74, 107.558,
306.841

 84, 107.558,
306.841

 94, 107.558,

306.841

■ 24, 107.558,
306.841

■ 24, 107.558,
306.841

■ 24, 107.567,
306.843

■ 26, 101.955,
306.382

■ 30, 93.164,
305.456

■ 35, 81.956,
304.134

■ 41, 69.686,
302.659

■ 47, 57.204,
301.199

■ 53, 44.931,
299.847

■ 59, 33.042,
298.639

■ 65, 21.592,
297.582

■ 72, 10.583,
296.667

Harmonies

Complementary

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



24, 107.558, 306.841



74, 79.737, 111.654

Rectangle

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



24, 107.558, 306.841



24, 107.558, 356.841



24, 107.558, 126.841



24, 107.558, 176.841

Sweetspot

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



24, 107.560, 306.842



75, 40.807, 298.694



63, 35.507, 221.175



36, 28.069, 299.192



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



24, 107.560, 306.842



32, 130.775, 306.765



34, 98.403, 315.316



38, 6.020, 296.615



19, 93.780, 306.916



1, 19.556, 295.062

Inverse Universe

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



44, 83.620, 335.036



57, 101.362, 335.162



69, 92.100, 131.818



38, 6.536, 329.221



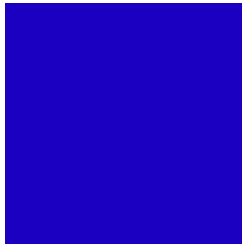
37, 73.096, 334.931



4, 21.114, 331.905

Previews

White Background



This preview shows how the CIE LCh color 24, 107.558, 306.841 looks on a white background.

Color Contrast Check

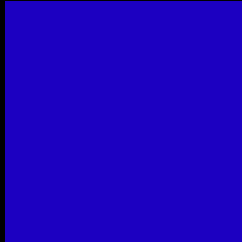
Large Text (above 18pt) WCAG AA ✓ Pass

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, 107.558, 306.841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

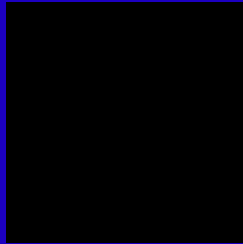
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 24, 107.558, 306.841

Background



This preview shows how black text looks on a background with the CIELCh color 24, 107.558, 306.841.



This preview shows how white text looks on a background with the CIELCh color 24, 107.558,

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, 107.558, 306.841

Protanopia

25, 42.443, 285.034

Deuteranopia

25, 28.899, 269.519



Tritanopia
25, 18.558, 202.729

Trichromacy



Original Color
24, 107.558, 306.841

Protanomaly
22, 72.207, 300.672

Deuteranomaly
21, 63.376, 298.559

Tritanomaly
20, 48.554, 293.732

Monochromacy



Original Color
24, 107.558, 306.841

Achromatopsia
11, 0.003, 296.813

Achromatomaly
12, 48.845, 304.498

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 24, 107.558, 306.841 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(28, 0, 193)` looks like.

```
.text, #text, p{  
    color:rgb(28, 0, 193)  
}
```

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(28, 0, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 0, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 24, 107.558, 306.841 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(28, 0, 193) }
```

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

```
.border{ border-color:rgb(28, 0, 193) }
```

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

Here you see how a box with a 4 pixel rgb(28, 0, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 0, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 0, 193);  
box-shadow:4px 4px 4px 4px rgb(28, 0, 193)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 24, 107.558, 306.841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 0, 193) }
```

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

```
.background{ background-color: rgb(28, 0,  
193) }
```

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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