

Converting Colors

CIELCh(24, 76.529, 306.885)

Have a look what the booklet for
CIELCh(24, 76.529, 306.885)
contains.

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Color

CIELCh(24, 76.385, 306.809)

Conversions

Conversions Part 1

Format	Color
Hex	3B1E98
RGB	59, 30, 152
RGB Percent	23%, 12%, 60%
CMY	0.7696, 0.8831, 0.4048
CMYK	0.61, 0.80, 0.00, 0.40
HSL	254°, 67%, 36%
HSV	254°, 80%, 60%
XYZ	7.8972, 4.1002, 29.9864
YIQ	52.5790, -21.8780, 44.0900

Conversions

Conversions Part 2

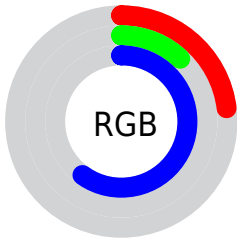
Format	Color
R _Y B	59, 30, 152
Decimal	3874456
CIE Lab	24.00, 45.77, -61.16
CIE LCh	24, 76.385, 306.809
Yxy	4.1002, 0.1881, 0.0977
Android (android.graphics.Color)	4282064536 (0xFF3B1E98)
YUV	52.5790, 49.0146, 5.6312
Hunter-Lab	20.2490, 34.1800, -73.6274

Details

The CIELCh color **24, 76.385, 306.809** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **59, 61.624, 115.602**, and the grayscale version is **22, 0.004, 296.813**.

A 20% lighter version of the original color is **44, 75.916, 306.809**, and **8, 67.340, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **21, 83.647, 307.403**, and if you desaturate by 10%, it is **28, 67.365, 305.882**.

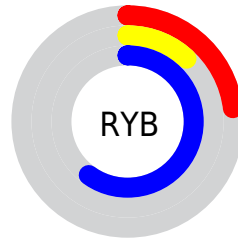
Distribution



 Red (23%)

 Green (12%)

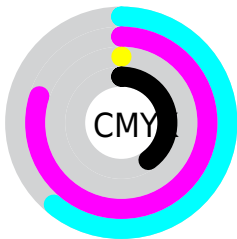
 Blue (60%)



 Red (23%)

 Yellow (12%)

 Blue (60%)

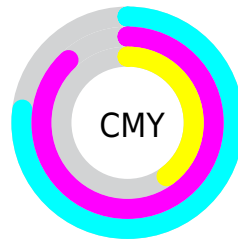



 Cyan (61%)


 Magenta (80%)

 Yellow (0%)

 Black (40%)



 Cyan (77%)


 Magenta (88%)


 Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 24, 76.385, 306.809 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, 76.385, 306.809 by changing the saturation by 10% instead.

 24, 76.385,
306.809

 24, 76.385,
306.809

 100, 76.385,
306.809


 14, 76.385,
306.809


 44, 76.385,
306.809


 4, 76.385, 306.809

 54, 76.385,
306.809

 0, 76.385, 306.809

 64, 76.385,
306.809

 74, 76.385,
306.809

 84, 76.385,
306.809

 94, 76.385,

306.809

■ 24, 76.385,
306.809

■ 24, 76.385,
306.809

■ 21, 83.647,
307.403

■ 28, 67.365,
305.882

■ 19, 88.892,
307.723

■ 32, 57.506,
304.803

■ 37, 47.411,
303.704

■ 42, 37.410,
302.658

■ 47, 27.658,
301.703

■ 52, 18.218,
300.851

■ 57, 9.108, 300.100

■ 63, 0.325, 299.385

■ 68, 8.146, 118.884

Harmonies

Complementary

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



24, 76.385, 306.809



59, 61.624, 115.602

Rectangle

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



24, 76.385, 306.809



24, 76.385, 356.809



24, 76.385, 126.809



24, 76.385, 176.809

Sweetspot

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



24, 76.386, 306.810



64, 26.677, 301.188



48, 28.014, 234.724



32, 18.582, 301.471



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



24, 76.386, 306.810



26, 105.691, 307.519



32, 72.962, 319.245



30, 4.988, 300.021



17, 83.847, 307.779



0, 5.307, 299.273

Inverse Universe

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



36, 61.784, 337.981



45, 78.793, 340.043



56, 70.595, 133.028



30, 5.034, 332.414



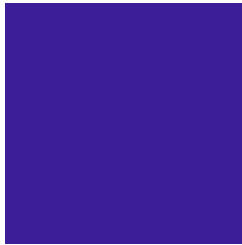
31, 61.955, 340.179



1, 5.356, 332.341

Previews

White Background



This preview shows how the CIE LCh color 24, 76.385, 306.809 looks on a white background.

Color Contrast Check

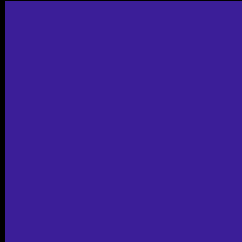
Large Text (above 18pt) WCAG AA ✓ Pass

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, 76.385, 306.809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

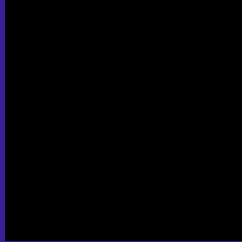
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 24, 76.385, 306.809

Background



This preview shows how black text looks on a background with the CIELCh color 24, 76.385, 306.809.



This preview shows how white text looks on a background with the CIELCh color 24, 76.385, 306.809.

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, 76.385, 306.809

Protanopia

24, 40.691, 284.159

Deuteranopia

24, 28.879, 270.492



Tritanopia
24, 16.414, 208.657

Trichromacy



Original Color
24, 76.385, 306.809

Protanomaly
23, 55.353, 295.948

Deuteranomaly
22, 47.185, 292.812

Tritanomaly
22, 31.637, 285.312

Monochromacy



Original Color
24, 76.385, 306.809

Achromatopsia
22, 0.004, 296.813

Achromatomaly
21, 29.917, 303.057

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 24, 76.385, 306.809 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(59, 30, 152)` looks like.

```
.text, #text, p{  
    color:rgb(59, 30, 152)  
}
```

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(59, 30, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 30, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 24, 76.385, 306.809 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(59, 30, 152) }
```

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

```
.border{ border-color:rgb(59, 30, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 30, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 30, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 30, 152);  
box-shadow:4px 4px 4px 4px rgb(59, 30,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 24, 76.385, 306.809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 30, 152) }
```

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

```
.background{ background-color: rgb(59, 30,  
152) }
```

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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