

Converting Colors

CIELCh(24, 94.769, 304.809)

Have a look what the booklet for
CIELCh(24, 94.769, 304.809)
contains.

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Color

CIELCh(24, 94.738, 304.799)

Conversions

Conversions Part 1

Format	Color
Hex	1718B3
RGB	23, 24, 179
RGB Percent	9%, 9%, 70%
CMY	0.9088, 0.9056, 0.2977
CMYK	0.87, 0.87, 0.00, 0.30
HSL	240°, 77%, 40%
HSV	240°, 87%, 70%
XYZ	8.8333, 4.1002, 43.0227
YIQ	41.3710, -50.3510, 47.9930

Conversions

Conversions Part 2

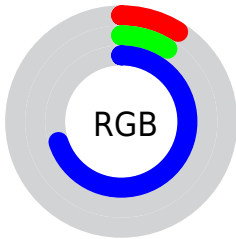
Format	Color
R_{YB}	23, 24, 179
Decimal	1513651
CIE _{Lab}	24.00, 54.07, -77.79
CIE _{LCh}	24, 94.738, 304.799
Yxy	4.1002, 0.1579, 0.0733
Android (android.graphics.Color)	4279703731 (0xFF1718B3)
YUV	41.3710, 67.8511, -16.1114
Hunter-Lab	20.2490, 42.4320, -111.7983

Details

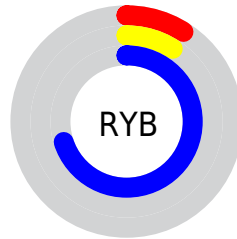
The CIELCh color **24, 94.738, 304.799** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **71, 70.872, 102.853**, and the grayscale version is **17, 0.003, 296.813**.

A 20% lighter version of the original color is **44, 94.441, 304.716**, and **12, 78.913, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **22, 100.882, 305.946**, and if you desaturate by 10%, it is **28, 85.215, 302.999**.

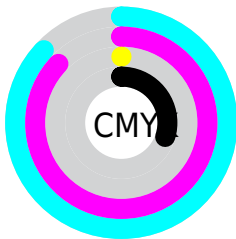
Distribution



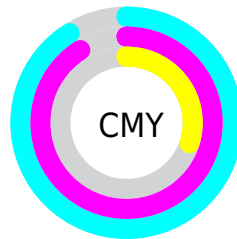
- Red (9%)
- Green (9%)
- Blue (70%)



- Red (9%)
- Yellow (9%)
- Blue (70%)



- Cyan (87%)
- Magenta (87%)
- Yellow (0%)
- Black (30%)





- Cyan (91%)
- Magenta (91%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 24, 94.738, 304.799 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, 94.738, 304.799 by changing the saturation by 10% instead.

 24, 94.738,
304.799


 24, 94.738,
304.799

 100, 94.738,
304.799

 14, 94.738,
304.799


 44, 94.738,
304.799

 4, 94.738, 304.799

 54, 94.738,
304.799

 0, 94.738, 304.799

 64, 94.738,
304.799

 74, 94.738,
304.799

 84, 94.738,
304.799

 94, 94.738,

304.799

■ 24, 94.738,
304.799

■ 24, 94.738,
304.799

■ 22, 100.882,
305.946

■ 28, 85.215,
302.999

■ 21, 102.395,
306.221

■ 33, 73.824,
300.846

■ 38, 61.866,
298.645

■ 44, 50.022,
296.587

■ 50, 38.560,
294.758

■ 56, 27.555,
293.174

■ 63, 17.002,
291.823

■ 69, 6.875, 290.678

■ 75, 2.858, 109.672

Harmonies

Complementary

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



24, 94.738, 304.799



71, 70.872, 102.853

Rectangle

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



24, 94.738, 304.799



24, 94.738, 354.799



24, 94.738, 124.799



24, 94.738, 174.799

Sweetspot

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



24, 94.740, 304.800



72, 32.697, 293.090



66, 37.877, 194.208



36, 22.505, 293.600



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



24, 94.740, 304.800



29, 124.384, 306.239



31, 89.671, 312.085



34, 5.560, 290.925



17, 91.123, 306.207



1, 13.262, 290.016

Inverse Universe

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



38, 72.240, 35.852



48, 97.152, 39.835



66, 78.427, 126.249



35, 3.910, 19.484



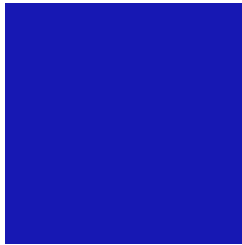
31, 70.732, 39.316



2, 9.157, 19.065

Previews

White Background



This preview shows how the CIE LCh color 24, 94.738, 304.799 looks on a white background.

Color Contrast Check

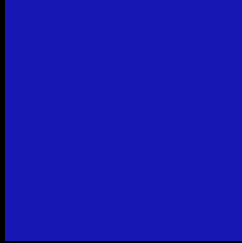
Large Text (above 18pt) WCAG AA ✓ Pass

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, 94.738, 304.799 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, 94.738, 304.799

Background



This preview shows how black text looks on a background with the CIELCh color 24, 94.738, 304.799.



This preview shows how white text looks on a background with the CIELCh color 24, 94.738, 304.799.

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, 94.738, 304.799

Protanopia

24, 40.691, 284.159

Deuteranopia

24, 27.806, 268.180



Tritanopia
24, 18.177, 202.895

Trichromacy



Original Color
24, 94.738, 304.799

Protanomaly
23, 62.903, 297.247

Deuteranomaly
22, 53.609, 293.942

Tritanomaly
21, 39.818, 287.022

Monochromacy



Original Color
24, 94.738, 304.799

Achromatopsia
17, 0.003, 296.813

Achromatomaly
17, 39.225, 299.029

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 24, 94.738, 304.799 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(23, 24, 179)` looks like.

```
.text, #text, p{  
    color:rgb(23, 24, 179)  
}
```

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(23, 24, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 24, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 24, 94.738, 304.799 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(23, 24, 179) }
```

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

```
.border{ border-color:rgb(23, 24, 179) }
```

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

Here you see how a box with a 4 pixel rgb(23, 24, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 24, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 24, 179);  
box-shadow:4px 4px 4px 4px rgb(23, 24,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 24, 94.738, 304.799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 24, 179) }
```

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

```
.background{ background-color: rgb(23, 24,  
179) }
```

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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