

Converting Colors

CIELCh(24, 23.911, 158.445)

Have a look what the booklet for
CIELCh(24, 23.911, 158.445)
contains.

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Color

CIELCh(24, 23.912, 158.309)

Conversions

Conversions Part 1

Format	Color
Hex	11412B
RGB	17, 65, 43
RGB Percent	7%, 25%, 17%
CMY	0.9324, 0.7443, 0.8307
CMYK	0.74, 0.00, 0.34, 0.74
HSL	152°, 58%, 16%
HSV	152°, 74%, 26%
XYZ	2.5763, 4.1002, 2.9586
YIQ	48.1400, -21.5460, -17.0180

Conversions

Conversions Part 2

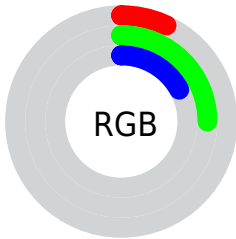
Format	Color
RYB	17, 48, 65
Decimal	1130795
CIELab	24.00, -22.22, 8.84
CIELCh	24, 23.912, 158.309
Yxy	4.1002, 0.2674, 0.4255
Android (android.graphics.Color)	4279320875 (0xFF11412B)
YUV	48.1400, -2.5340, -27.3098
Hunter-Lab	20.2490, -12.7250, 5.5112

Details

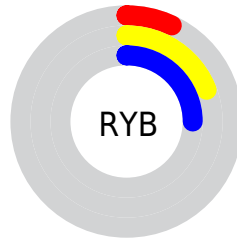
The CIELCh color **24, 23.912, 158.309** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **14, 25.714, 354.378**, and the grayscale version is **20, 0.004, 296.813**.

A 20% lighter version of the original color is **44, 23.949, 158.154**, and **5, 13.016, 144.443** is the 20% darker color. If you saturate the color by 10%, you get **24, 26.387, 156.746**, and if you desaturate by 10%, it is **24, 21.167, 159.713**.

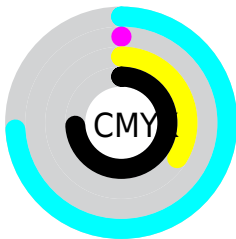
Distribution



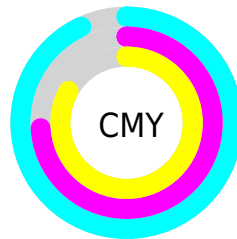
- Red (7%)
- Green (25%)
- Blue (17%)



- Red (7%)
- Yellow (19%)
- Blue (25%)



- Cyan (74%)
- Magenta (0%)
- Yellow (34%)
- Black (74%)





- Cyan (93%)
- Magenta (74%)
- Yellow (83%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 24, 23.912, 158.309 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, 23.912, 158.309 by changing the saturation by 10% instead.

 24, 23.912,
158.309


 24, 23.912,
158.309

 100, 23.912,
158.309


 14, 23.912,
158.309


 44, 23.912,
158.309

 4, 23.912, 158.309

 54, 23.912,
158.309

 0, 23.912, 158.309

 64, 23.912,
158.309

 74, 23.912,
158.309

 84, 23.912,
158.309

 94, 23.912,

158.309

■ 24, 23.912,
158.309

■ 24, 23.912,
158.309

■ 24, 26.387,
156.746

■ 24, 21.167,
159.713

■ 24, 28.709,
155.211

■ 25, 18.186,
160.974

■ 23, 30.222,
154.376

■ 25, 15.010,
162.108

■ 26, 11.685,
163.132

■ 26, 8.257, 164.063

■ 27, 4.767, 164.924

■ 27, 1.251, 165.810

■ 28, 2.259, 346.290

■ 29, 5.739, 347.006

Harmonies

Complementary

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



24, 23.912, 158.309



14, 25.714, 354.378

Rectangle

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



24, 23.912, 158.309



24, 23.912, 208.309



24, 23.912, 338.309



24, 23.912, 28.309

Sweetspot

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



24, 23.912, 158.309



34, 9.533, 164.121



25, 31.874, 127.492



17, 6.459, 164.036



70, 0.009, 296.813



18, 0.003, 296.813

Same Dimension

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



24, 23.912, 158.309



31, 33.453, 155.362



24, 15.688, 200.785



12, 1.982, 165.345



36, 40.706, 152.869



79, 77.896, 150.985

Inverse Universe

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



14, 25.714, 354.378



17, 35.217, 358.617



13, 25.801, 29.792



12, 2.007, 346.502



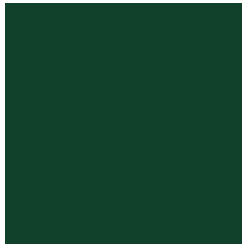
19, 41.666, 2.808



48, 76.649, 6.600

Previews

White Background



This preview shows how the CIE LCh color 24, 23.912, 158.309 looks on a white background.

Color Contrast Check

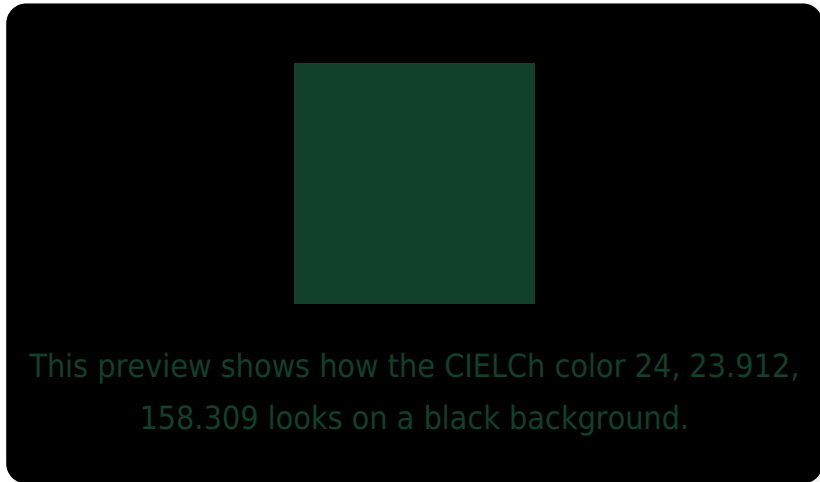
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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, 23.912, 158.309

Background



This preview shows how black text looks on a background with the CIELCh color 24, 23.912, 158.309.



This preview shows how white text looks on a background with the CIELCh color 24, 23.912, 158.309.

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

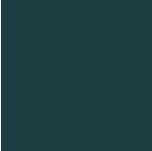
24, 23.912, 158.309

Protanopia

24, 11.454, 95.020

Deuteranopia

24, 8.465, 64.285



Tritanopia
24, 12.695, 212.749

Trichromacy



Original Color
24, 23.912, 158.309

Protanomaly
24, 14.180, 135.558

Deuteranomaly
24, 10.404, 135.248

Tritanomaly
24, 15.253, 184.164

Monochromacy



Original Color
24, 23.912, 158.309

Achromatopsia
20, 0.004, 296.813

Achromatomaly
21, 9.465, 162.800

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 24, 23.912, 158.309 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(17, 65, 43)` looks like.

```
.text, #text, p{  
    color:rgb(17, 65, 43)  
}
```

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(17, 65, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 65, 43) }
```

Border

The CSS property to change the border of an element to CIELCh 24, 23.912, 158.309 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(17, 65, 43) }
```

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

```
.border{ border-color:rgb(17, 65, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 65, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 65, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 65, 43);  
box-shadow:4px 4px 4px 4px rgb(17, 65, 43)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 24, 23.912, 158.309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 65, 43) }
```

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

```
.background{ background-color: rgb(17, 65,  
43) }
```

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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