

Converting Colors

CIELCh(24, 9.730, 118.257)

Have a look what the booklet for
CIELCh(24, 9.730, 118.257) contains.

CIELCh(24, 10.030, 119.208)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(24, 10.030, 119.208)

Conversions

Conversions Part 1

Format	Color
Hex	373B2C
RGB	55, 59, 44
RGB Percent	22%, 23%, 17%
CMY	0.7849, 0.7692, 0.8280
CMYK	0.07, 0.00, 0.25, 0.77
HSL	76°, 15%, 20%
HSV	76°, 25%, 23%
XYZ	3.5746, 4.1002, 2.9709
YIQ	56.0940, 2.4310, -5.5130

Conversions

Conversions Part 2

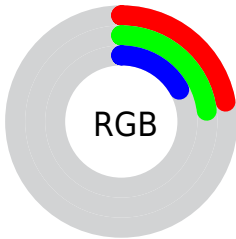
Format	Color
RYB	44, 59, 48
Decimal	3619628
CIELab	24.00, -4.89, 8.75
CIElCh	24, 10.030, 119.208
Yxy	4.1002, 0.3358, 0.3852
Android (android.graphics.Color)	4281809708 (0xFF373B2C)
YUV	56.0940, -5.9623, -0.9594
Hunter-Lab	20.2490, -3.9250, 5.4752

Details

The CIELCh color **24, 10.030, 119.208** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **19, 10.486, 302.056**, and the grayscale version is **24, 0.004, 296.813**.

A 20% lighter version of the original color is **44, 9.683, 119.027**, and **4, 7.837, 127.606** is the 20% darker color. If you saturate the color by 10%, you get **24, 13.908, 118.679**, and if you desaturate by 10%, it is **24, 6.108, 119.745**.

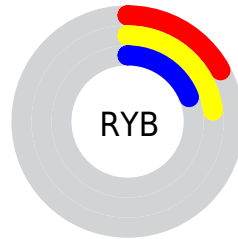
Distribution



Red (22%)

Green (23%)

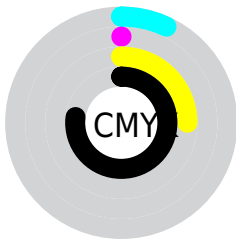
Blue (17%)



Red (17%)

Yellow (23%)

Blue (19%)

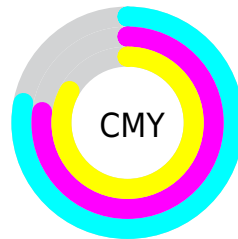


Cyan (7%)

Magenta (0%)

Yellow (25%)

Black (77%)



Cyan (78%)

Magenta (77%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 24, 10.030, 119.208 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, 10.030, 119.208 by changing the saturation by 10% instead.

■ 24, 10.030,
119.208

■ 24, 10.030,
119.208

■ 100, 10.030,
119.208

■ 14, 10.030,
119.208

■ 44, 10.030,
119.208

■ 4, 10.030, 119.208

■ 54, 10.030,
119.208

■ 0, 10.030, 119.208

■ 64, 10.030,
119.208

■ 74, 10.030,
119.208

■ 84, 10.030,
119.208

■ 94, 10.030,

119.208

■ 24, 10.030,
119.208

■ 24, 10.030,
119.208

■ 24, 13.908,
118.679

■ 24, 6.108, 119.745

■ 23, 17.704,
118.167

■ 25, 2.162, 120.274

■ 23, 21.372,
117.696

■ 25, 1.788, 300.767

■ 23, 24.844,
117.300

■ 26, 9.654, 301.723

■ 23, 28.026,
117.026

■ 26, 13.553,
302.160

■ 23, 30.718,
117.015

■ 27, 17.421,
302.571

■ 22, 33.205,
117.138

■ 27, 21.254,
302.956

■ 22, 34.332,
117.193

■ 27, 25.048,
303.315

Harmonies

Complementary

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



24, 10.030, 119.208



19, 10.486, 302.056

Rectangle

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



24, 10.030, 119.208



24, 10.030, 169.208



24, 10.030, 299.208



24, 10.030, 349.208

Sweetspot

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



24, 10.031, 119.211



32, 3.929, 120.122



21, 6.099, 46.409



15, 2.741, 120.086



68, 0.008, 296.813



15, 0.003, 296.813

Same Dimension

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



24, 10.031, 119.211



31, 15.149, 118.840



23, 11.329, 136.745



11, 2.263, 120.116



37, 48.674, 117.369



82, 91.192, 118.396

Inverse Universe

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



19, 10.486, 302.056



24, 16.051, 302.549



20, 11.469, 318.754



10, 2.299, 300.998



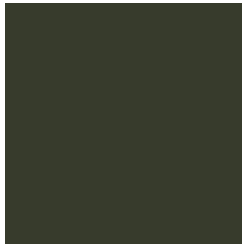
9, 62.601, 308.502



30, 117.687, 307.823

Previews

White Background



This preview shows how the CIE LCh color 24, 10.030, 119.208 looks on a white background.

Color Contrast Check

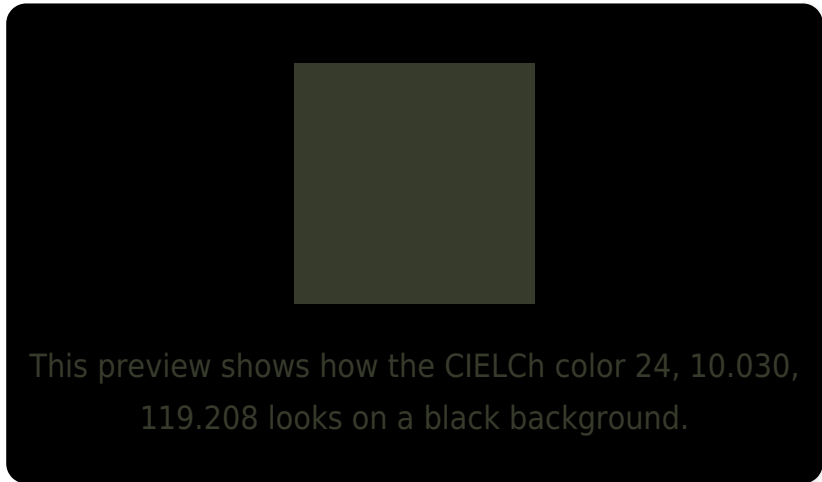
Large Text (above 18pt) WCAG AA ✓ Pass

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

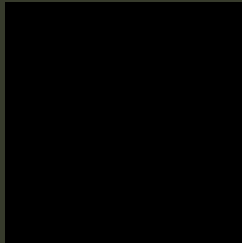
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 24, 10.030, 119.208

Background



This preview shows how black text looks on a background with the CIELCh color 24, 10.030, 119.208.

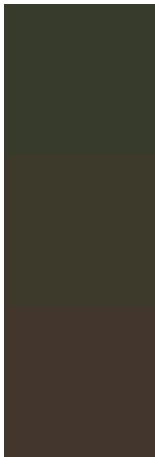


This preview shows how white text looks on a background with the CIELCh color 24, 10.030, 119.208.

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, 10.030, 119.208

Protanopia

24, 9.427, 96.005

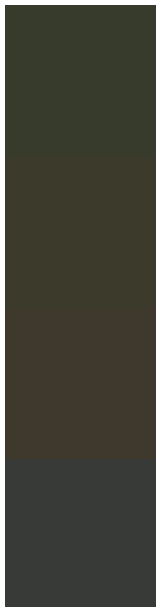
Deuteranopia

24, 8.970, 66.984



Tritanopia
24, 2.653, 290.755

Trichromacy



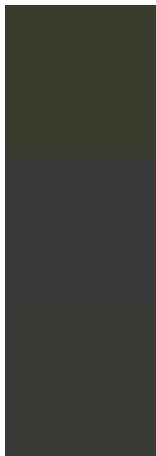
Original Color
24, 10.030, 119.208

Protanomaly
24, 9.853, 105.165

Deuteranomaly
24, 8.062, 83.184

Tritanomaly
24, 2.191, 134.519

Monochromacy



Original Color
24, 10.030, 119.208

Achromatopsia
24, 0.004, 296.813

Achromatomaly
24, 3.342, 117.490

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 24, 10.030, 119.208 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(55, 59, 44)` looks like.

```
.text, #text, p{  
    color:rgb(55, 59, 44)  
}
```

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(55, 59, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 59, 44) }
```

Border

The CSS property to change the border of an element to CIELCh 24, 10.030, 119.208 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(55, 59, 44) }
```

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

```
.border{ border-color:rgb(55, 59, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 59, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 59, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 59, 44);  
box-shadow:4px 4px 4px 4px rgb(55, 59, 44)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 24, 10.030, 119.208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 59, 44) }
```

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

```
.background{ background-color: rgb(55, 59,  
44) }
```

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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