

Converting Colors

CIELCh(11, 30.222, 25.281)

Have a look what the booklet for
CIELCh(11, 30.222, 25.281) contains.

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Color

CIELCh(11, 30.307, 25.149)

Conversions

Conversions Part 1

Format	Color
Hex	40060A
RGB	64, 6, 10
RGB Percent	25%, 2%, 4%
CMY	0.7477, 0.9752, 0.9589
CMYK	0.00, 0.90, 0.84, 0.75
HSL	356°, 82%, 14%
HSV	356°, 90%, 25%
XYZ	2.2617, 1.2610, 0.4255
YIQ	23.7980, 33.2840, 13.5400

Conversions

Conversions Part 2

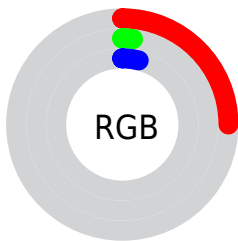
Format	Color
RYB	64, 6, 10
Decimal	4195850
CIELab	11.00, 27.43, 12.88
CIELCh	11, 30.307, 25.149
Yxy	1.2610, 0.5728, 0.3194
Android (android.graphics.Color)	4282385930 (0xFF40060A)
YUV	23.7980, -6.8024, 35.2572
Hunter-Lab	11.2295, 16.2990, 5.6141

Details

The CIELCh color **11, 30.307, 25.149** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **24, 18.683, 187.725**, and the grayscale version is **8, 0.002, 296.813**.

A 20% lighter version of the original color is **31, 30.118, 25.314**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **10, 33.050, 24.497**, and if you desaturate by 10%, it is **12, 27.526, 24.588**.

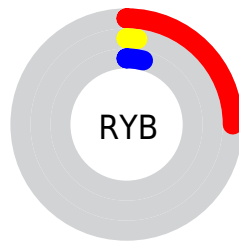
Distribution



Red (25%)

Green (2%)

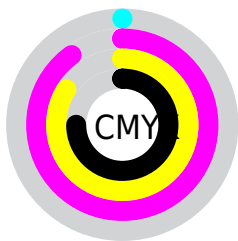
Blue (4%)



Red (25%)

Yellow (2%)

Blue (4%)

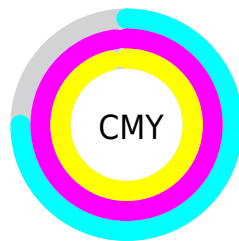


Cyan (0%)

Magenta (90%)

Yellow (84%)

Black (75%)



Cyan (75%)

Magenta (98%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 11, 30.307, 25.149 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 11, 30.307, 25.149 by changing the saturation by 10% instead.

■ 11, 30.307, 25.149

■ 11, 30.307, 25.149

■ 100, 30.307,
25.149

■ 1, 30.307, 25.149

■ 31, 30.307, 25.149

■ 0, 30.307, 25.149

■ 41, 30.307, 25.149

■ 51, 30.307, 25.149

■ 61, 30.307, 25.149

■ 71, 30.307, 25.149

■ 81, 30.307, 25.149

■ 91, 30.307, 25.149

■ 11, 30.307, 25.149

■ 11, 30.307, 25.149

■ 10, 33.050, 24.497

■ 12, 27.526, 24.588

■ 13, 24.158, 22.830

■ 15, 20.445, 20.519

■ 17, 16.724, 18.655

■ 19, 13.076, 17.153

■ 21, 9.559, 15.933

■ 23, 6.208, 14.928

■ 25, 3.038, 14.067

■ 27, 0.053, 8.901

Harmonies

Complementary

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



11, 30.307, 25.149



24, 18.683, 187.725

Rectangle

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



11, 30.307, 25.149



11, 30.307, 75.149



11, 30.307, 205.149



11, 30.307, 255.149

Sweetspot

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



11, 30.306, 25.152



28, 10.633, 15.718



12, 40.180, 325.202



13, 7.254, 15.853



70, 0.009, 296.813



18, 0.003, 296.813

Same Dimension

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



11, 30.306, 25.152



15, 41.581, 30.135



16, 25.414, 55.734



12, 1.694, 13.932



18, 46.914, 32.378



47, 92.026, 37.643

Inverse Universe

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



11, 30.306, 25.152



15, 41.581, 30.135



15, 18.783, 264.845



12, 1.694, 13.932



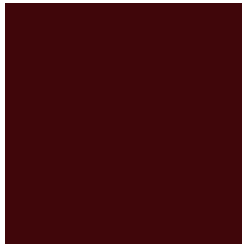
18, 46.914, 32.378



47, 92.026, 37.643

Previews

White Background



This preview shows how the CIELCh color 11, 30.307, 25.149 looks on a white background.

Color Contrast Check

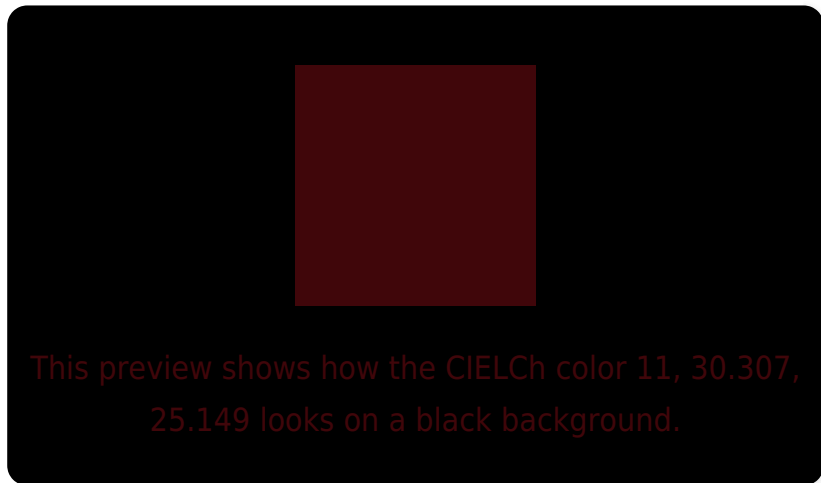
Large Text (above 18pt) WCAG AA ✓ Pass

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

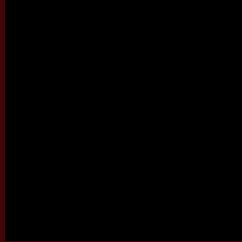
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 11, 30.307, 25.149

Background



This preview shows how black text looks on a background with the CIELCh color 11, 30.307, 25.149.

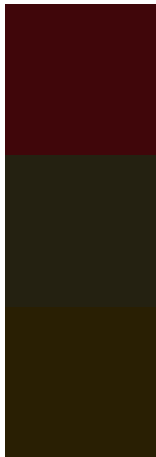


This preview shows how white text looks on a background with the CIELCh color 11, 30.307, 25.149.

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

11, 30.307, 25.149

Protanopia

13, 11.194, 98.424

Deuteranopia

12, 17.117, 86.573



Tritanopia
11, 30.678, 29.325

Trichromacy



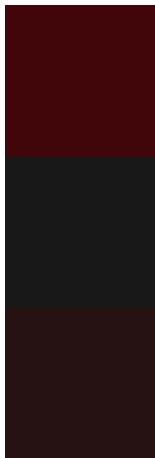
Original Color
11, 30.307, 25.149

Protanomaly
11, 14.464, 42.909

Deuteranomaly
11, 18.483, 49.302

Tritanomaly
11, 30.396, 27.965

Monochromacy



Original Color
11, 30.307, 25.149

Achromatopsia
8, 0.002, 296.813

Achromatomaly
8, 11.657, 18.708

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 11, 30.307, 25.149 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(64, 6, 10)` looks like.

```
.text, #text, p{  
    color:rgb(64, 6, 10)  
}
```

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(64, 6, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 6, 10) }
```

Border

The CSS property to change the border of an element to CIELCh 11, 30.307, 25.149 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(64, 6, 10) }
```

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

```
.border{ border-color:rgb(64, 6, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 6, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 6, 10); -webkit-box-shadow:4px  
4px 4px 4px rgb(64, 6, 10); box-shadow:4px  
4px 4px 4px rgb(64, 6, 10) }
```

Background

The CSS property to change the background color of an element to CIELCh 11, 30.307, 25.149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 6, 10) }
```

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

```
.background{ background-color: rgb(64, 6,  
10) }
```

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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