

Converting Colors

CIELCh(30, 13.742, 139.650)

Have a look what the booklet for
CIELCh(30, 13.742, 139.650)
contains.

CIELCh(30, 13.577, 140.203)	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(30, 13.577, 140.203)

Conversions

Conversions Part 1

Format	Color
Hex	3B4B39
RGB	59, 75, 57
RGB Percent	23%, 29%, 22%
CMY	0.7691, 0.7064, 0.7769
CMYK	0.21, 0.00, 0.24, 0.71
HSL	113°, 14%, 26%
HSV	113°, 24%, 29%
XYZ	5.0399, 6.2359, 4.7935
YIQ	68.1640, -3.7580, -8.9900

Conversions

Conversions Part 2

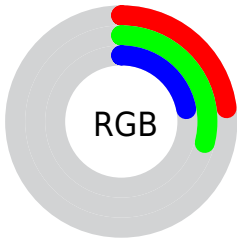
Format	Color
RYB	57, 75, 73
Decimal	3885881
CIELab	30.00, -10.43, 8.69
CIELCh	30, 13.577, 140.203
Yxy	6.2359, 0.3136, 0.3881
Android (android.graphics.Color)	4282075961 (0xFF3B4B39)
YUV	68.1640, -5.5039, -8.0368
Hunter-Lab	24.9718, -7.6750, 6.0991

Details

The CIELCh color **30, 13.577, 140.203** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **26, 13.652, 322.430**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **50, 13.626, 139.510**, and **10, 13.709, 139.826** is the 20% darker color. If you saturate the color by 10%, you get **29, 19.218, 139.581**, and if you desaturate by 10%, it is **31, 7.904, 140.759**.

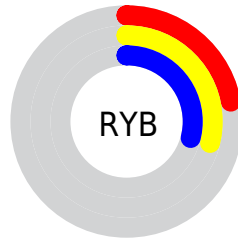
Distribution



Red (23%)

Green (29%)

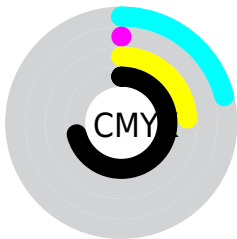
Blue (22%)



Red (22%)

Yellow (29%)

Blue (29%)

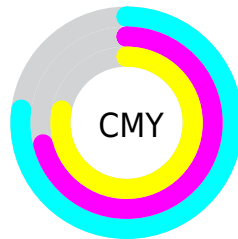


Cyan (21%)

Magenta (0%)

Yellow (24%)

Black (71%)



Cyan (77%)


Magenta (71%)


Yellow (78%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 30, 13.577, 140.203 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 30, 13.577, 140.203 by changing the saturation by 10% instead.


 30, 13.577,
140.203


 30, 13.577,
140.203

 100, 13.577,
140.203


 20, 13.577,
140.203


 50, 13.577,
140.203


 10, 13.577,
140.203

 60, 13.577,
140.203

 0, 13.577, 140.203

 70, 13.577,
140.203

 80, 13.577,
140.203

 90, 13.577,
140.203

■ 30, 13.577,
140.203

■ 30, 13.577,
140.203

■ 29, 19.218,
139.581

■ 31, 7.904, 140.759

■ 29, 24.749,
138.894

■ 32, 2.256, 141.277

■ 32, 3.323, 321.610

■ 28, 30.069,
138.154

■ 33, 8.804, 321.994

■ 28, 35.053,
137.392

■ 34, 14.165,
322.312

■ 28, 39.543,
136.661

■ 35, 19.393,
322.584

■ 27, 43.351,
136.044

■ 36, 24.481,
322.818

■ 27, 46.573,
135.392

■ 37, 29.427,
323.019

■ 27, 48.488,

■ 39, 34.231,

134.798

323.192

Harmonies

Complementary

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



30, 13.577, 140.203



26, 13.652, 322.430

Rectangle

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



30, 13.577, 140.203



30, 13.577, 190.203



30, 13.577, 320.203



30, 13.577, 10.203

Sweetspot

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



30, 13.578, 140.204



40, 4.862, 141.106



31, 10.105, 102.668



20, 3.117, 141.100



72, 0.009, 296.813



20, 0.004, 296.813

Same Dimension

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



30, 13.578, 140.204



38, 20.288, 139.836



30, 10.652, 156.121



15, 3.190, 141.033



37, 60.354, 135.088



80, 109.919, 135.562

Inverse Universe

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



26, 13.652, 322.430



33, 20.416, 322.689



26, 10.808, 339.528



14, 3.201, 321.752



21, 59.397, 324.166



50, 107.570, 323.882

Previews

White Background



This preview shows how the CIELCh color 30, 13.577, 140.203 looks on a white background.

Color Contrast Check

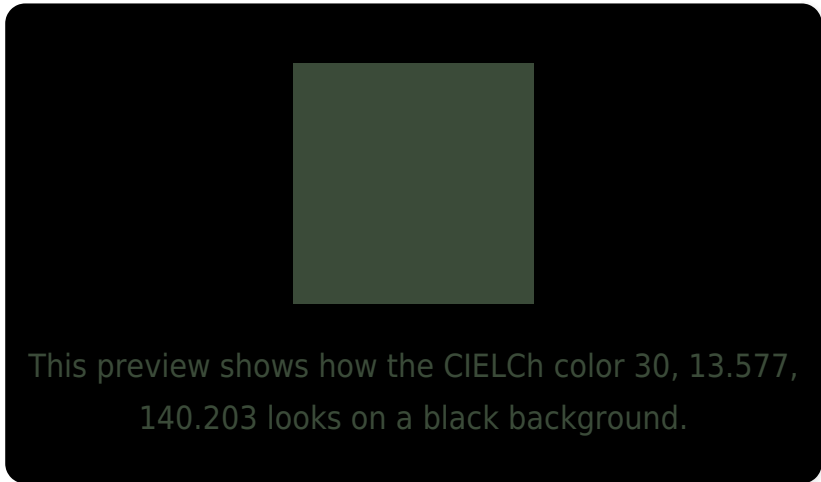
Large Text (above 18pt) WCAG AA ✓ Pass

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

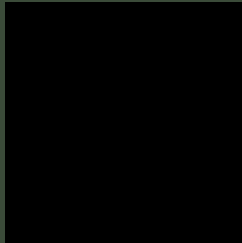
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 30, 13.577, 140.203

Background



This preview shows how black text looks on a background with the CIELCh color 30, 13.577, 140.203.



This preview shows how white text looks on a background with the CIELCh color 30, 13.577, 140.203.

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

30, 13.577, 140.203

Protanopia

30, 9.848, 94.335

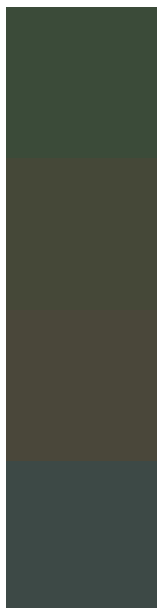
Deuteranopia

30, 9.298, 63.065



Tritanopia
30, 5.547, 243.007

Trichromacy



Original Color
30, 13.577, 140.203

Protanomaly
30, 10.255, 116.128

Deuteranomaly
30, 8.384, 98.932

Tritanomaly
30, 5.527, 178.197

Monochromacy



Original Color
30, 13.577, 140.203

Achromatopsia
29, 0.005, 296.813

Achromatomaly
29, 5.248, 140.084

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 13.577, 140.203 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, 75, 57)` looks like.

```
.text, #text, p{  
    color:rgb(59, 75, 57)  
}
```

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, 75, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 75, 57) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 13.577, 140.203 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, 75, 57) }
```

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

```
.border{ border-color:rgb(59, 75, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 75, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 75, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 75, 57);  
box-shadow:4px 4px 4px 4px rgb(59, 75, 57)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 30, 13.577, 140.203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 75, 57) }
```

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

```
.background{ background-color: rgb(59, 75,  
57) }
```

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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