

Converting Colors

CIELCh(30, 8.420, 198.148)

Have a look what the booklet for
CIELCh(30, 8.420, 198.148) contains.

CIELCh(30, 8.162, 198.190)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(30, 8.162, 198.190)

Conversions

Conversions Part 1

Format	Color
Hex	364A4A
RGB	54, 74, 74
RGB Percent	21%, 29%, 29%
CMY	0.7869, 0.7085, 0.7085
CMYK	0.27, 0.00, 0.00, 0.71
HSL	180°, 16%, 25%
HSV	180°, 27%, 29%
XYZ	5.2585, 6.2359, 7.4655
YIQ	68.0200, -11.9200, -4.2400

Conversions

Conversions Part 2

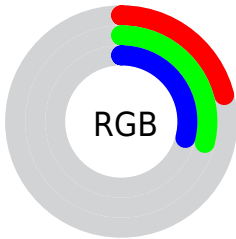
Format	Color
R_{YB}	54, 64, 74
Decimal	3557962
CIE Lab	30.00, -7.75, -2.55
CIE LCh	30, 8.162, 198.190
Yxy	6.2359, 0.2773, 0.3289
Android (android.graphics.Color)	4281748042 (0xFF364A4A)
YUV	68.0200, 2.9481, -12.2955
Hunter-Lab	24.9718, -6.1125, -0.2449

Details

The CIELCh color **30, 8.162, 198.190** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **25, 9.590, 21.237**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **50, 8.410, 198.544**, and **10, 8.107, 197.300** is the 20% darker color. If you saturate the color by 10%, you get **30, 10.818, 197.783**, and if you desaturate by 10%, it is **31, 5.279, 198.638**.

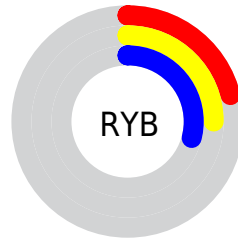
Distribution



 Red (21%)

 Green (29%)

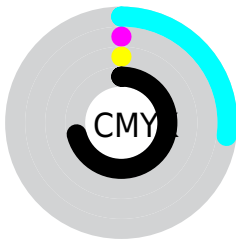
 Blue (29%)



 Red (21%)

 Yellow (25%)

 Blue (29%)

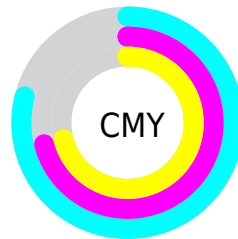


 Cyan (27%)

 Magenta (0%)

 Yellow (0%)

 Black (71%)



 Cyan (79%)

 Magenta (71%)

 Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 30, 8.162, 198.190 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, 8.162, 198.190 by changing the saturation by 10% instead.

■ 30, 8.162, 198.190

■ 30, 8.162, 198.190

■ 100, 8.162,
198.190

■ 20, 8.162, 198.190

■ 50, 8.162, 198.190

■ 10, 8.162, 198.190

■ 60, 8.162, 198.190

■ 0, 8.162, 198.190

■ 70, 8.162, 198.190

■ 80, 8.162, 198.190

■ 90, 8.162, 198.190

■ 30, 8.162, 198.190

■ 30, 8.162, 198.190

■ 30, 10.818,
197.783

■ 31, 5.279, 198.638

■ 29, 13.205,
197.428

■ 31, 2.209, 199.179

■ 29, 15.285,
197.125

■ 32, 1.006, 19.283

■ 28, 17.026,
196.874

■ 33, 4.330, 20.012

■ 28, 18.409,
196.677

■ 34, 11.184, 21.141

■ 28, 19.430,
196.532

■ 35, 14.664, 21.706

■ 28, 20.297,
196.410

■ 37, 21.640, 22.837

■ 28, 20.568,
196.372

Harmonies

Complementary

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



30, 8.162, 198.190



25, 9.590, 21.237

Rectangle

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



30, 8.162, 198.190



30, 8.162, 248.190



30, 8.162, 18.190



30, 8.162, 68.190

Sweetspot

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



30, 8.162, 198.185



40, 3.174, 199.091



29, 15.588, 142.435



20, 2.221, 199.038



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, 8.162, 198.185



39, 11.836, 197.925



27, 7.453, 257.148



15, 1.819, 199.068



39, 25.574, 196.372



83, 46.281, 196.371

Inverse Universe

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



25, 9.590, 21.237



31, 14.508, 21.877



28, 8.009, 70.656



14, 1.910, 19.792



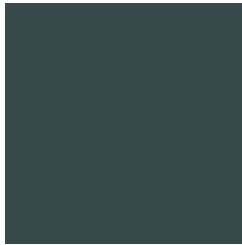
19, 50.500, 35.956



48, 96.563, 39.997

Previews

White Background



This preview shows how the CIELCh color 30, 8.162, 198.190 looks on a white background.

Color Contrast Check

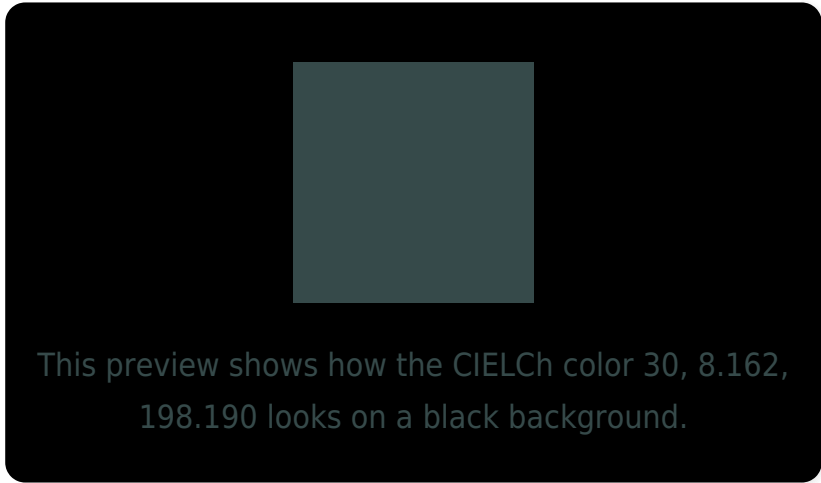
Large Text (above 18pt) WCAG AA ✓ Pass

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

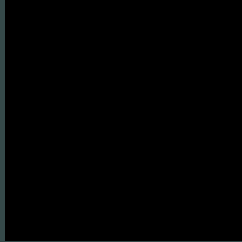
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

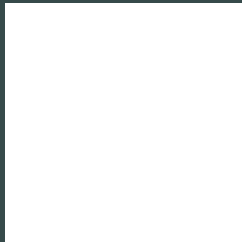
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 30, 8.162, 198.190

Background



This preview shows how black text looks on a background with the CIELCh color 30, 8.162, 198.190.



This preview shows how white text looks on a background with the CIELCh color 30, 8.162, 198.190.

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, 8.162, 198.190

Protanopia

30, 1.363, 309.134

Deuteranopia

30, 5.989, 321.433



Tritanopia
30, 8.107, 221.788

Trichromacy



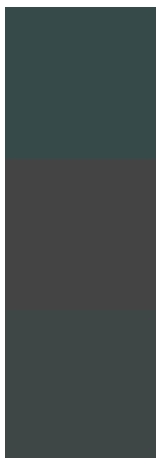
Original Color
30, 8.162, 198.190

Protanomaly
30, 3.045, 211.202

Deuteranomaly
30, 3.429, 268.960

Tritanomaly
30, 7.827, 212.622

Monochromacy



Original Color
30, 8.162, 198.190

Achromatopsia
29, 0.005, 296.813

Achromatomaly
29, 3.019, 199.007

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 8.162, 198.190 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(54, 74, 74)` looks like.

```
.text, #text, p{  
    color:rgb(54, 74, 74)  
}
```

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(54, 74, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 74, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 8.162, 198.190 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(54, 74, 74) }
```

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

```
.border{ border-color:rgb(54, 74, 74) }
```

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

Here you see how a box with a 4 pixel rgb(54, 74, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 74, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 74, 74);  
box-shadow:4px 4px 4px 4px rgb(54, 74, 74)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 30, 8.162, 198.190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 74, 74) }
```

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

```
.background{ background-color: rgb(54, 74,  
74) }
```

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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