

Converting Colors

CIELCh(32, 7.435, 207.550)

Have a look what the booklet for
CIELCh(32, 7.435, 207.550) contains.

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Color

CIELCh(32, 7.698, 203.077)

Conversions

Conversions Part 1

Format	Color
Hex	3C4F50
RGB	60, 79, 80
RGB Percent	24%, 31%, 31%
CMY	0.7656, 0.6912, 0.6872
CMYK	0.25, 0.01, 0.00, 0.69
HSL	183°, 14%, 27%
HSV	183°, 25%, 31%
XYZ	6.0661, 7.0852, 8.5895
YIQ	73.4330, -11.6450, -3.7170

Conversions

Conversions Part 2

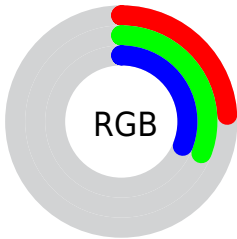
Format	Color
RYB	60, 70, 80
Decimal	3952464
CIELab	32.00, -7.08, -3.02
CIELCh	32, 7.698, 203.077
Yxy	7.0852, 0.2790, 0.3259
Android (android.graphics.Color)	4282142544 (0xFF3C4F50)
YUV	73.4330, 3.2375, -11.7807
Hunter-Lab	26.6180, -5.9022, -0.5000

Details

The CIELCh color **32, 7.698, 203.077** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **28, 8.985, 25.048**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **52, 7.620, 203.055**, and **12, 7.693, 203.049** is the 20% darker color. If you saturate the color by 10%, you get **31, 10.407, 202.868**, and if you desaturate by 10%, it is **33, 4.761, 203.354**.

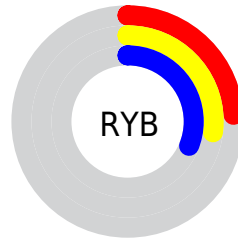
Distribution



Red (24%)

Green (31%)

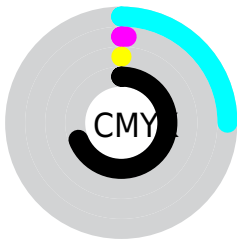
Blue (31%)



Red (24%)

Yellow (27%)

Blue (31%)

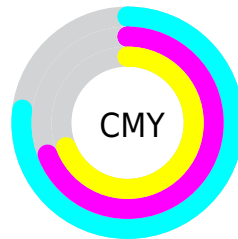


Cyan (25%)

Magenta (1%)

Yellow (0%)

Black (69%)



Cyan (77%)

Magenta (69%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 32, 7.698, 203.077 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 32, 7.698, 203.077 by changing the saturation by 10% instead.

■ 32, 7.698, 203.077

■ 32, 7.698, 203.077

■ 100, 7.698,
203.077

■ 22, 7.698, 203.077

■ 52, 7.698, 203.077

■ 12, 7.698, 203.077

■ 62, 7.698, 203.077

■ 2, 7.698, 203.077

■ 72, 7.698, 203.077

■ 0, 7.698, 203.077

■ 82, 7.698, 203.077

■ 92, 7.698, 203.077

■ 32, 7.698, 203.077

■ 32, 7.698, 203.077

■ 31, 10.407,
202.868

■ 33, 4.761, 203.354

31, 12.844,
202.748

34, 1.639, 203.782

30, 14.968,
202.721

34, 1.628, 23.788

35, 5.004, 24.298

30, 16.742,
202.800

36, 8.459, 24.740

29, 18.142,
202.996

37, 11.968, 25.186

38, 15.508, 25.641

29, 19.157,
203.323

39, 19.063, 26.102

29, 19.910,
203.734

40, 22.619, 26.564

29, 20.285,
203.922

Harmonies

Complementary

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



32, 7.698, 203.077



28, 8.985, 25.048

Rectangle

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



32, 7.698, 203.077



32, 7.698, 253.077



32, 7.698, 23.077



32, 7.698, 73.077

Sweetspot

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



32, 7.698, 203.071



43, 3.215, 203.608



32, 15.127, 143.839



22, 2.298, 203.564



74, 0.009, 296.813



22, 0.004, 296.813

Same Dimension

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



32, 7.698, 203.071



41, 11.297, 202.939



29, 7.723, 262.340



16, 1.828, 203.588



38, 24.423, 204.220



80, 43.627, 204.806

Inverse Universe

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



28, 14.968, 327.075



35, 22.388, 327.383



31, 8.105, 76.041



15, 3.383, 326.224



23, 57.818, 330.211



54, 103.418, 330.356

Previews

White Background



This preview shows how the CIELCh color 32, 7.698, 203.077 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



This preview shows how the CIE LCh color 32, 7.698, 203.077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

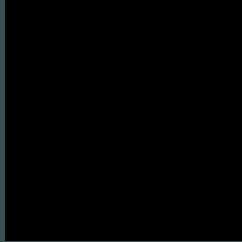
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

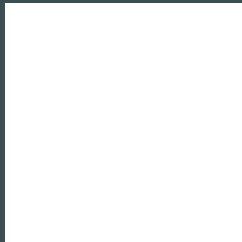
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 32, 7.698, 203.077

Background



This preview shows how black text looks on a background with the CIELCh color 32, 7.698, 203.077.



This preview shows how white text looks on a background with the CIELCh color 32, 7.698, 203.077.

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

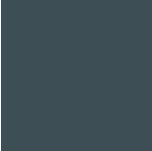
32, 7.698, 203.077

Protanopia

32, 1.348, 309.126

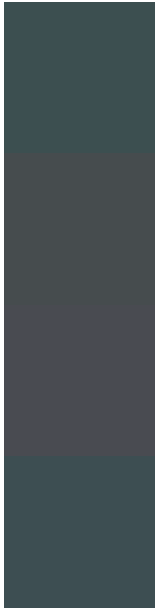
Deuteranopia

32, 5.922, 321.408



Tritanopia
32, 7.638, 228.594

Trichromacy



Original Color

32, 7.698, 203.077

Protanomaly

32, 2.813, 225.995

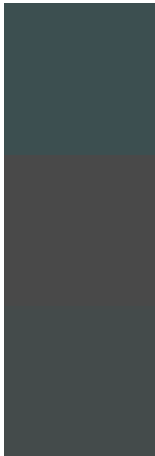
Deuteranomaly

32, 3.881, 278.364

Tritanomaly

32, 7.209, 219.216

Monochromacy



Original Color

32, 7.698, 203.077

Achromatopsia

31, 0.005, 296.813

Achromatomaly

31, 2.988, 199.039

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 7.698, 203.077 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(60, 79, 80)` looks like.

```
.text, #text, p{  
    color:rgb(60, 79, 80)  
}
```

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(60, 79, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 79, 80) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 7.698, 203.077 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(60, 79, 80) }
```

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

```
.border{ border-color:rgb(60, 79, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 79, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 79, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 79, 80);  
box-shadow:4px 4px 4px 4px rgb(60, 79, 80)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 7.698, 203.077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 79, 80) }
```

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

```
.background{ background-color: rgb(60, 79,  
80) }
```

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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