

Converting Colors

CIELCh(31, 6.731, 217.090)

Have a look what the booklet for
CIELCh(31, 6.731, 217.090) contains.

CIELCh(31, 6.724, 215.109)	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(31, 6.724, 215.109)

Conversions

Conversions Part 1

Format	Color
Hex	3C4C4F
RGB	60, 76, 79
RGB Percent	24%, 30%, 31%
CMY	0.7656, 0.7029, 0.6911
CMYK	0.24, 0.04, 0.00, 0.69
HSL	189°, 14%, 27%
HSV	189°, 24%, 31%
XYZ	5.8209, 6.6515, 8.3295
YIQ	71.5580, -10.4990, -2.4590

Conversions

Conversions Part 2

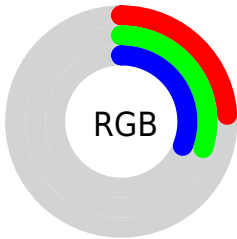
Format	Color
RYB	60, 69, 79
Decimal	3951695
CIELab	31.00, -5.50, -3.87
CIElCh	31, 6.724, 215.109
Yxy	6.6515, 0.2798, 0.3198
Android (android.graphics.Color)	4282141775 (0xFF3C4C4F)
YUV	71.5580, 3.6689, -10.1364
Hunter-Lab	25.7905, -4.8458, -1.0954

Details

The CIELCh color **31, 6.724, 215.109** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **28, 7.801, 34.847**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **51, 6.678, 214.029**, and **11, 6.731, 217.090** is the 20% darker color. If you saturate the color by 10%, you get **30, 9.206, 215.446**, and if you desaturate by 10%, it is **32, 4.045, 214.908**.

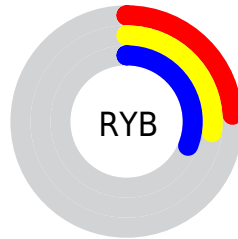
Distribution



Red (24%)

Green (30%)

Blue (31%)



Red (24%)

Yellow (27%)

Blue (31%)

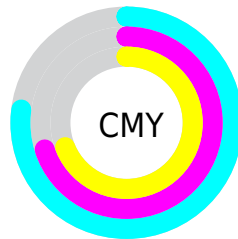


Cyan (24%)

Magenta (4%)

Yellow (0%)

Black (69%)



Cyan (77%)

Magenta (70%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 31, 6.724, 215.109 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 31, 6.724, 215.109 by changing the saturation by 10% instead.

■ 31, 6.724, 215.109

■ 31, 6.724, 215.109

■ 100, 6.724,
215.109

■ 21, 6.724, 215.109

■ 51, 6.724, 215.109

■ 11, 6.724, 215.109

■ 61, 6.724, 215.109

■ 1, 6.724, 215.109

■ 71, 6.724, 215.109

■ 0, 6.724, 215.109

■ 81, 6.724, 215.109

■ 91, 6.724, 215.109

■ 31, 6.724, 215.109

■ 31, 6.724, 215.109

■ 30, 9.206, 215.446

■ 32, 4.045, 214.908

■ 29, 11.453,
215.961

■ 33, 1.207, 214.958

■ 28, 13.427,
216.681

■ 34, 1.759, 34.535

■ 28, 15.095,
217.647

■ 35, 4.824, 34.675

■ 27, 16.431,
218.908

■ 38, 11.153, 34.929

■ 26, 17.424,
220.514

■ 39, 14.380, 35.096

■ 26, 18.171,
222.373

■ 40, 17.629, 35.283

■ 25, 18.623,
223.399

■ 41, 20.889, 35.485

Harmonies

Complementary

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



31, 6.724, 215.109



28, 7.801, 34.847

Rectangle

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



31, 6.724, 215.109



31, 6.724, 265.109



31, 6.724, 35.109



31, 6.724, 85.109

Sweetspot

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



31, 6.724, 215.102



42, 2.526, 214.884



32, 13.266, 147.338



21, 1.620, 214.882



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

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



31, 6.724, 215.102



40, 9.829, 215.287



28, 8.357, 272.954



15, 1.582, 214.877



33, 22.244, 224.505



72, 40.207, 226.833

Inverse Universe

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



28, 13.229, 330.419



35, 19.701, 330.760



31, 8.434, 86.972



14, 2.970, 329.533



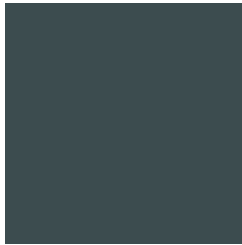
22, 52.475, 335.224



53, 94.181, 335.820

Previews

White Background



This preview shows how the CIELCh color 31, 6.724, 215.109 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 31, 6.724, 215.109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

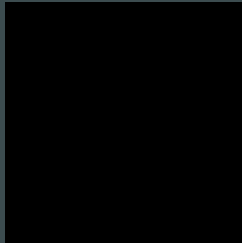
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 31, 6.724, 215.109

Background



This preview shows how black text looks on a background with the CIELCh color 31, 6.724, 215.109.

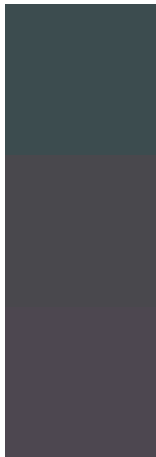


This preview shows how white text looks on a background with the CIELCh color 31, 6.724, 215.109.

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

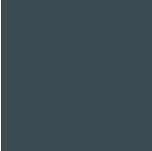
31, 6.724, 215.109

Protanopia

31, 3.226, 298.398

Deuteranopia

31, 6.314, 315.079



Tritanopia
31, 7.032, 231.793

Trichromacy



Original Color

31, 6.724, 215.109

Protanomaly

31, 3.778, 257.002

Deuteranomaly

31, 4.520, 280.302

Tritanomaly

31, 6.759, 226.923

Monochromacy



Original Color

31, 6.724, 215.109

Achromatopsia

30, 0.005, 296.813

Achromatomaly

31, 2.632, 213.187

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 31, 6.724, 215.109 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, 76, 79)` looks like.

```
.text, #text, p{  
    color:rgb(60, 76, 79)  
}
```

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, 76, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 76, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 31, 6.724, 215.109 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, 76, 79) }
```

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

```
.border{ border-color:rgb(60, 76, 79) }
```

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

Here you see how a box with a 4 pixel rgb(60, 76, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 76, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 76, 79);  
box-shadow:4px 4px 4px 4px rgb(60, 76, 79)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 31, 6.724, 215.109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 76, 79) }
```

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

```
.background{ background-color: rgb(60, 76,  
79) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor