

Converting Colors

CIELCh(31, 17.452, 212.208)

Have a look what the booklet for
CIELCh(31, 17.452, 212.208)
contains.

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Color

CIELCh(31, 17.469, 212.095)

Conversions

Conversions Part 1

Format	Color
Hex	1B5057
RGB	27, 80, 87
RGB Percent	11%, 31%, 34%
CMY	0.8943, 0.6864, 0.6590
CMYK	0.69, 0.08, 0.00, 0.66
HSL	187°, 53%, 22%
HSV	187°, 69%, 34%
XYZ	5.0353, 6.6515, 10.0269
YIQ	64.9510, -33.8350, -9.0590

Conversions

Conversions Part 2

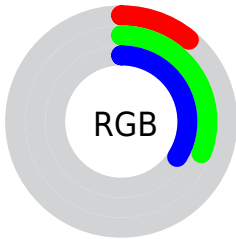
Format	Color
R_{YB}	27, 55, 87
Decimal	1790039
CIE Lab	31.00, -14.80, -9.28
CIE LCh	31, 17.469, 212.095
Yxy	6.6515, 0.2319, 0.3063
Android (android.graphics.Color)	4279980119 (0xFF1B5057)
YUV	64.9510, 10.8702, -33.2830
Hunter-Lab	25.7905, -10.2833, -4.9976

Details

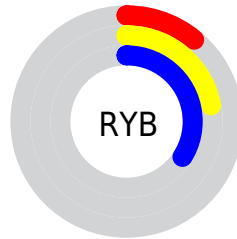
The CIELCh color **31, 17.469, 212.095** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **21, 29.273, 35.000**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **51, 17.482, 213.399**, and **12, 12.475, 221.324** is the 20% darker color. If you saturate the color by 10%, you get **30, 18.693, 213.078**, and if you desaturate by 10%, it is **32, 15.849, 211.359**.

Distribution



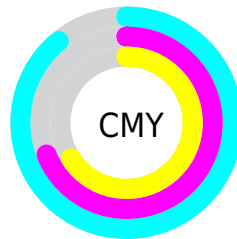
- Red (11%)
- Green (31%)
- Blue (34%)



- Red (11%)
- Yellow (22%)
- Blue (34%)



- Cyan (69%)
- Magenta (8%)
- Yellow (0%)
- Black (66%)





- Cyan (89%)
- Magenta (69%)
- Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 31, 17.469, 212.095 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, 17.469, 212.095 by changing the saturation by 10% instead.


 31, 17.469,
212.095


 31, 17.469,
212.095

 100, 17.469,
212.095


 21, 17.469,
212.095

 51, 17.469,
212.095


 11, 17.469,
212.095


 61, 17.469,
212.095

 1, 17.469, 212.095

 71, 17.469,
212.095

 0, 17.469, 212.095

 81, 17.469,
212.095

 91, 17.469,
212.095

■ 31, 17.469,
212.095

■ 31, 17.469,
212.095

■ 30, 18.693,
213.078

■ 32, 15.849,
211.359

■ 30, 19.520,
214.350

■ 32, 13.856,
210.838

■ 29, 20.195,
215.699

■ 33, 11.523,
210.497

■ 29, 20.264,
215.827

■ 34, 8.893, 210.306

■ 35, 6.011, 210.246

■ 36, 2.923, 210.320

■ 37, 0.331, 29.396

■ 38, 3.714, 30.394

■ 39, 7.192, 30.642

Harmonies

Complementary

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



31, 17.469, 212.095



21, 29.273, 35.000

Rectangle

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



31, 17.469, 212.095



31, 17.469, 262.095



31, 17.469, 32.095



31, 17.469, 82.095

Sweetspot

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



31, 17.469, 212.094



45, 8.134, 210.250



32, 40.695, 141.315



22, 5.420, 210.256



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



31, 17.469, 212.094



39, 23.057, 213.894



21, 24.851, 278.900



17, 1.814, 210.324



36, 23.393, 216.420



77, 41.400, 217.959

Inverse Universe

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



22, 39.485, 331.515



26, 54.002, 332.362



29, 26.381, 76.712



16, 3.401, 328.222



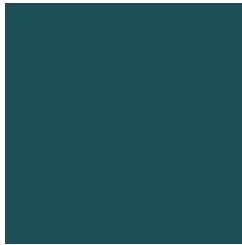
24, 55.950, 333.208



54, 98.884, 333.587

Previews

White Background



This preview shows how the CIELCh color 31, 17.469, 212.095 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 CIELCh color 31, 17.469, 212.095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

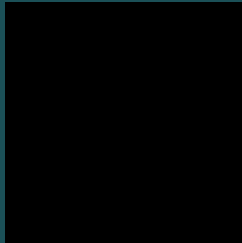
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 31, 17.469, 212.095

Background



This preview shows how black text looks on a background with the CIELCh color 31, 17.469, 212.095.



This preview shows how white text looks on a background with the CIELCh color 31, 17.469, 212.095.

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

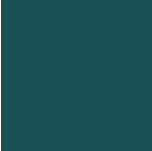
31, 17.469, 212.095

Protanopia

31, 6.385, 287.621

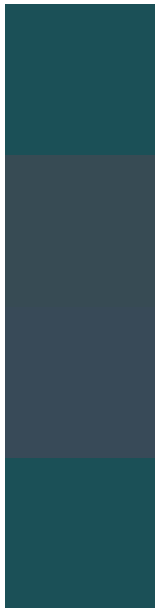
Deuteranopia

31, 11.507, 294.240



Tritanopia
31, 17.469, 212.095

Trichromacy



Original Color
31, 17.469, 212.095

Protanomaly
31, 9.450, 236.190

Deuteranomaly
31, 11.015, 253.477

Tritanomaly
31, 17.469, 212.095

Monochromacy



Original Color
31, 17.469, 212.095

Achromatopsia
28, 0.004, 296.813

Achromatomaly
28, 7.864, 212.651

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 31, 17.469, 212.095 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(27, 80, 87)` looks like.

```
.text, #text, p{  
    color:rgb(27, 80, 87)  
}
```

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(27, 80, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 80, 87) }
```

Border

The CSS property to change the border of an element to CIELCh 31, 17.469, 212.095 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(27, 80, 87) }
```

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

```
.border{ border-color:rgb(27, 80, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 80, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 80, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 80, 87);  
box-shadow:4px 4px 4px 4px rgb(27, 80, 87)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 31, 17.469, 212.095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 80, 87) }
```

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

```
.background{ background-color: rgb(27, 80,  
87) }
```

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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