

Converting Colors

CIELCh(31, 17.051, 267.630)

Have a look what the booklet for
CIELCh(31, 17.051, 267.630)
contains.

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Color

CIELCh(31, 16.627, 266.505)

Conversions

Conversions Part 1

Format	Color
Hex	364B63
RGB	54, 75, 99
RGB Percent	21%, 29%, 39%
CMY	0.7897, 0.7073, 0.6132
CMYK	0.46, 0.24, 0.00, 0.61
HSL	212°, 30%, 30%
HSV	212°, 46%, 39%
XYZ	6.2276, 6.6515, 12.6656
YIQ	71.4570, -20.2200, 3.0120

Conversions

Conversions Part 2

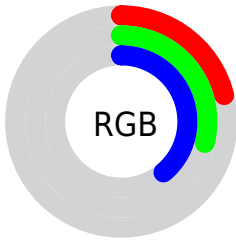
Format	Color
R_{YB}	54, 68, 99
Decimal	3558243
CIE _{Lab}	31.00, -1.01, -16.60
CIE _{LCh}	31, 16.627, 266.505
Yxy	6.6515, 0.2438, 0.2604
Android (android.graphics.Color)	4281748323 (0xFF364B63)
YUV	71.4570, 13.5787, -15.3098
Hunter-Lab	25.7905, -2.0310, -11.0638

Details

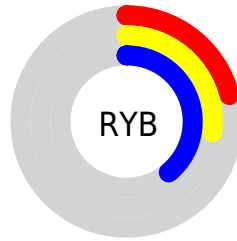
The CIELCh color **31, 16.627, 266.505** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **35, 18.312, 73.399**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **51, 16.554, 265.850**, and **11, 16.645, 267.153** is the 20% darker color. If you saturate the color by 10%, you get **29, 20.189, 269.017**, and if you desaturate by 10%, it is **33, 13.031, 264.353**.

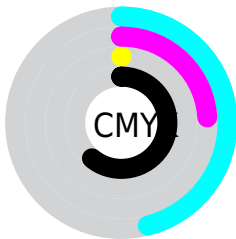
Distribution



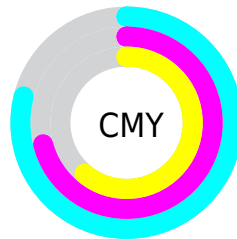
- Red (21%)
- Green (29%)
- Blue (39%)



- Red (21%)
- Yellow (27%)
- Blue (39%)



- Cyan (46%)
- Magenta (24%)
- Yellow (0%)
- Black (61%)





- Cyan (79%)
- Magenta (71%)
- Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 31, 16.627, 266.505 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, 16.627, 266.505 by changing the saturation by 10% instead.


 31, 16.627,
266.505


 31, 16.627,
266.505

 100, 16.627,
266.505


 21, 16.627,
266.505

 51, 16.627,
266.505


 11, 16.627,
266.505


 61, 16.627,
266.505

 1, 16.627, 266.505

 71, 16.627,
266.505

 0, 16.627, 266.505

 81, 16.627,
266.505

 91, 16.627,
266.505

■ 31, 16.627,
266.505

■ 31, 16.627,
266.505

■ 29, 20.189,
269.017

■ 33, 13.031,
264.353

■ 26, 23.726,
271.927

■ 36, 9.402, 262.519

■ 38, 5.747, 260.960

■ 24, 27.262,
275.244

■ 40, 2.073, 259.676

■ 22, 30.828,
278.940

■ 43, 1.610, 78.291

■ 20, 34.483,
282.770

■ 45, 5.292, 77.376

■ 48, 8.965, 76.518

■ 19, 36.142,
284.274

■ 50, 12.621, 75.758

■ 52, 16.256, 75.086

Harmonies

Complementary

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



31, 16.627, 266.505



35, 18.312, 73.399

Rectangle

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



31, 16.627, 266.505



31, 16.627, 316.505



31, 16.627, 86.505



31, 16.627, 136.505

Sweetspot

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



31, 16.626, 266.504



49, 6.365, 260.789



38, 22.460, 160.244



24, 4.354, 261.003



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



31, 16.626, 266.504



37, 24.649, 269.284



25, 29.694, 296.493



19, 2.037, 260.055



23, 40.198, 285.014



49, 74.823, 287.902

Inverse Universe

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



29, 23.512, 349.979



35, 34.611, 351.566



41, 26.545, 106.869



18, 2.790, 346.121



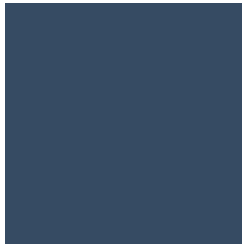
23, 46.196, 2.929



51, 80.565, 6.012

Previews

White Background



This preview shows how the CIELCh color 31, 16.627, 266.505 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, 16.627, 266.505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

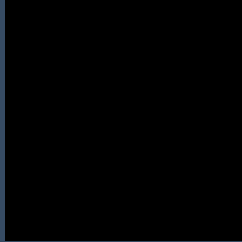
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

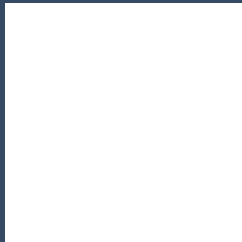
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 31, 16.627, 266.505

Background



This preview shows how black text looks on a background with the CIELCh color 31, 16.627, 266.505.

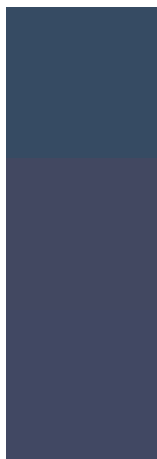


This preview shows how white text looks on a background with the CIELCh color 31, 16.627, 266.505.

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, 16.627, 266.505

Protanopia

31, 16.014, 284.970

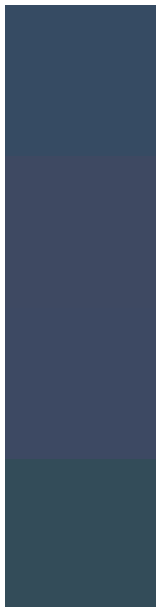
Deuteranopia

31, 17.305, 284.683



Tritanopia
31, 11.268, 221.547

Trichromacy



Original Color
31, 16.627, 266.505

Protanomaly
31, 16.266, 278.681

Deuteranomaly
31, 16.946, 278.262

Tritanomaly
31, 12.102, 241.976

Monochromacy



Original Color
31, 16.627, 266.505

Achromatopsia
30, 0.005, 296.813

Achromatomaly
30, 6.355, 264.469

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 31, 16.627, 266.505 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, 75, 99)` looks like.

```
.text, #text, p{  
    color:rgb(54, 75, 99)  
}
```

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, 75, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 75, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 31, 16.627, 266.505 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, 75, 99) }
```

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

```
.border{ border-color:rgb(54, 75, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 75, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 75, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 75, 99);  
box-shadow:4px 4px 4px 4px rgb(54, 75, 99)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 31, 16.627, 266.505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 75, 99) }
```

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

```
.background{ background-color: rgb(54, 75,  
99) }
```

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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