

Converting Colors

CIELCh(60, 31.879, 142.619)

Have a look what the booklet for
CIELCh(60, 31.879, 142.619)
contains.

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Color

CIELCh(60, 31.810, 142.950)

Conversions

Conversions Part 1

Format	Color
Hex	6D9C6E
RGB	109, 156, 110
RGB Percent	43%, 61%, 43%
CMY	0.5728, 0.3885, 0.5689
CMYK	0.30, 0.00, 0.29, 0.39
HSL	121°, 19%, 52%
HSV	121°, 30%, 61%
XYZ	20.9848, 28.1233, 19.0544
YIQ	136.7030, -13.2460, -24.2700

Conversions

Conversions Part 2

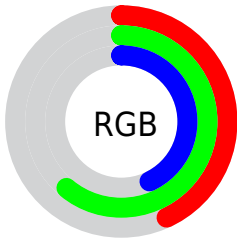
Format	Color
RYB	109, 155, 156
Decimal	7183470
CIELab	60.00, -25.39, 19.17
CIELCh	60, 31.810, 142.950
Yxy	28.1233, 0.3079, 0.4126
Android (android.graphics.Color)	4285373550 (0xFF6D9C6E)
YUV	136.7030, -13.1646, -24.2955
Hunter-Lab	53.0314, -22.1717, 15.8189

Details

The CIELCh color $60, 31.810, 142.950$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $52, 31.810, 326.629$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $80, 31.835, 142.913$, and $40, 31.543, 143.112$ is the 20% darker color. If you saturate the color by 10%, you get $59, 42.114, 142.031$, and if you desaturate by 10%, it is $61, 21.264, 143.751$.

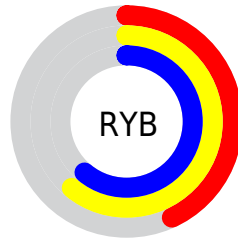
Distribution



Red (43%)

Green (61%)

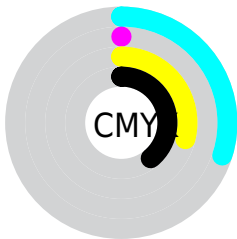
Blue (43%)



Red (43%)

Yellow (61%)

Blue (61%)

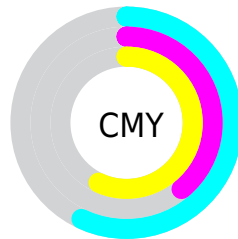


Cyan (30%)

Magenta (0%)

Yellow (29%)

Black (39%)



Cyan (57%)


Magenta (39%)


Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 31.810, 142.950 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 60, 31.810, 142.950 by changing the saturation by 10% instead.


 60, 31.810,
142.950


 60, 31.810,
142.950


 100, 31.810,
142.950


 50, 31.810,
142.950


 80, 31.810,
142.950

 40, 31.810,
142.950

 90, 31.810,
142.950

 30, 31.810,
142.950

 20, 31.810,
142.950

 10, 31.810,
142.950

 0, 31.810, 142.950

 60, 31.810,

 60, 31.810,

142.950

142.950

■ 59, 42.114,
142.031

■ 61, 21.264,
143.751

■ 58, 51.932,
140.995

■ 63, 10.660,
144.444

■ 57, 60.971,
139.870

■ 64, 0.141, 146.554

■ 57, 68.882,
138.715

■ 66, 10.193,
325.478

■ 56, 75.281,
137.634

■ 68, 20.275,
325.909

■ 56, 79.807,
136.762

■ 70, 30.063,
326.271

■ 56, 82.521,
136.229

■ 72, 39.537,
326.578

■ 74, 48.689,
326.841

■ 76, 57.522,
327.067

Harmonies

Complementary

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



60, 31.810, 142.950



52, 31.810, 326.629

Rectangle

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



60, 31.810, 142.950



60, 31.810, 192.950



60, 31.810, 322.950



60, 31.810, 12.950

Sweetspot

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



60, 31.811, 142.950



79, 11.647, 144.507



63, 25.869, 108.063



42, 8.165, 144.418



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



60, 31.811, 142.950



75, 46.661, 142.362



61, 21.956, 161.802



33, 6.007, 144.501



51, 77.336, 136.252



3, 7.835, 144.985

Inverse Universe

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



52, 31.810, 326.629



64, 46.610, 326.968



51, 22.841, 347.345



31, 6.017, 325.491



33, 73.830, 329.079



1, 7.802, 325.151

Previews

White Background



This preview shows how the CIELCh color 60, 31.810, 142.950 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 60, 31.810, 142.950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

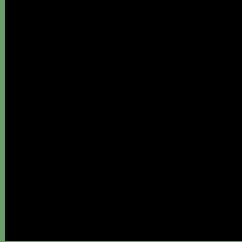
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 31.810, 142.950

Background



This preview shows how black text looks on a background with the CIELCh color 60, 31.810, 142.950.



This preview shows how white text looks on a background with the CIELCh color 60, 31.810, 142.950.

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

60, 31.810, 142.950

Protanopia

60, 22.342, 95.418

Deuteranopia

60, 18.812, 65.587



Tritanopia
60, 12.650, 231.185

Trichromacy



Original Color
60, 31.810, 142.950

Protanomaly
60, 23.244, 117.963

Deuteranomaly
60, 17.944, 105.424

Tritanomaly
60, 14.966, 175.793

Monochromacy



Original Color
60, 31.810, 142.950

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 11.809, 143.772

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 31.810, 142.950 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(109, 156, 110)` looks like.

```
.text, #text, p{  
    color:rgb(109, 156, 110)  
}
```

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(109, 156, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 156, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 31.810, 142.950 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(109, 156, 110) }
```

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

```
.border{ border-color:rgb(109, 156, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 156, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 156, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 156, 110);  
box-shadow:4px 4px 4px 4px rgb(109, 156,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 31.810, 142.950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 156, 110) }
```

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

```
.background{ background-color: rgb(109,  
156, 110) }
```

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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