

Converting Colors

CIElCh(60, 20.563, 156.499)

Have a look what the booklet for
CIELCh(60, 20.563, 156.499)
contains.

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Color

CIELCh(60, 20.563, 156.499)

Conversions

Conversions Part 1

Format	Color
Hex	729A82
RGB	114, 154, 130
RGB Percent	45%, 60%, 51%
CMY	0.5545, 0.3977, 0.4918
CMYK	0.26, 0.00, 0.16, 0.40
HSL	144°, 16%, 52%
HSV	144°, 26%, 60%
XYZ	22.3748, 28.1233, 25.2251
YIQ	139.3040, -16.1360, -15.9440

Conversions

Conversions Part 2

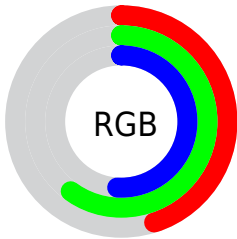
Format	Color
RYB	114, 143, 154
Decimal	7510658
CIELab	60.00, -18.86, 8.20
CIElCh	60, 20.563, 156.499
Yxy	28.1233, 0.2955, 0.3714
Android (android.graphics.Color)	4285700738 (0xFF729A82)
YUV	139.3040, -4.5869, -22.1916
Hunter-Lab	53.0314, -17.4929, 8.9199

Details

The CIELCh color $60, 20.563, 156.499$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $53, 20.948, 340.679$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $80, 20.723, 156.155$, and $40, 20.547, 156.481$ is the 20% darker color. If you saturate the color by 10%, you get $59, 28.306, 155.466$, and if you desaturate by 10%, it is $61, 12.679, 157.414$.

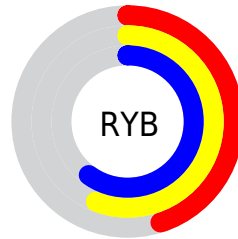
Distribution



Red (45%)

Green (60%)

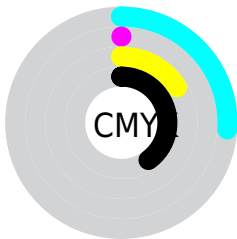
Blue (51%)



Red (45%)

Yellow (56%)

Blue (60%)

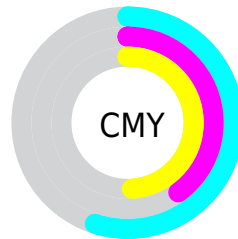


Cyan (26%)

Magenta (0%)

Yellow (16%)

Black (40%)



Cyan (55%)

Magenta (40%)

Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 20.563, 156.499 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, 20.563, 156.499 by changing the saturation by 10% instead.

 60, 20.563,
156.499


 60, 20.563,
156.499

 100, 20.563,
156.499

 50, 20.563,
156.499

 80, 20.563,
156.499

 40, 20.563,
156.499

 90, 20.563,
156.499

 30, 20.563,
156.499

 20, 20.563,
156.499

 10, 20.563,
156.499

 0, 20.563, 156.499

 60, 20.563,

 60, 20.563,

156.499

156.499

■ 59, 28.306,
155.466

■ 61, 12.679,
157.414

■ 58, 35.780,
154.294

■ 63, 4.757, 158.258

■ 57, 42.855,
152.957

■ 64, 3.117, 338.814

■ 66, 10.877,
339.530

■ 57, 49.398,
151.438

■ 67, 18.477,
340.127

■ 56, 55.298,
149.724

■ 69, 25.884,
340.667

■ 56, 60.478,
147.819

■ 71, 33.079,
341.161

■ 55, 64.937,
145.768

■ 73, 40.054,
341.617

■ 55, 66.595,
145.000

■ 75, 46.805,
342.040

Harmonies

Complementary

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



60, 20.563, 156.499



53, 20.948, 340.679

Rectangle

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



60, 20.563, 156.499



60, 20.563, 206.499



60, 20.563, 336.499



60, 20.563, 26.499

Sweetspot

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



60, 20.564, 156.498



79, 7.793, 158.078



61, 23.175, 124.219



41, 5.527, 157.961



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



60, 20.564, 156.498



75, 30.153, 155.940



61, 14.698, 189.203



32, 4.447, 157.989



51, 62.063, 145.191



3, 4.826, 158.330

Inverse Universe

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



53, 20.948, 340.679



64, 30.812, 341.186



52, 16.869, 13.627



30, 4.483, 339.275



30, 56.231, 352.154



1, 4.769, 339.106

Previews

White Background



This preview shows how the CIELCh color 60, 20.563, 156.499 looks on a white background.

Color Contrast Check

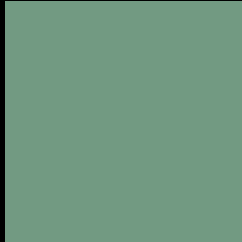
Large Text (above 18pt) WCAG AA ✓ Pass

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, 20.563, 156.499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

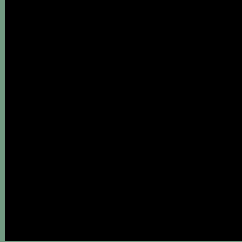
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 20.563, 156.499

Background



This preview shows how black text looks on a background with the CIELCh color 60, 20.563, 156.499.



This preview shows how white text looks on a background with the CIELCh color 60, 20.563, 156.499.

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, 20.563, 156.499

Protanopia
60, 11.056, 93.874

Deuteranopia
60, 9.981, 39.912



Tritanopia
60, 12.102, 232.895

Trichromacy



Original Color
60, 20.563, 156.499

Protanomaly
60, 11.965, 128.484

Deuteranomaly
59, 6.756, 109.395

Tritanomaly
60, 12.060, 195.620

Monochromacy



Original Color
60, 20.563, 156.499

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 7.131, 159.292

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 20.563, 156.499 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(114, 154, 130)` looks like.

```
.text, #text, p{  
    color:rgb(114, 154, 130)  
}
```

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(114, 154, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 154, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 20.563, 156.499 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(114, 154, 130) }
```

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

```
.border{ border-color:rgb(114, 154, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 154, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 154, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 154, 130);  
box-shadow:4px 4px 4px 4px rgb(114, 154,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 20.563, 156.499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 154, 130) }
```

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

```
.background{ background-color: rgb(114,  
154, 130) }
```

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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