

Converting Colors

CIE LCh(60, 28.493, 154.291)

Have a look what the booklet for
CIELCh(60, 28.493, 154.291)
contains.

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Color

CIELCh(60, 28.223, 154.317)

Conversions

Conversions Part 1

Format	Color
Hex	669C7A
RGB	102, 156, 122
RGB Percent	40%, 61%, 48%
CMY	0.5989, 0.3871, 0.5205
CMYK	0.35, 0.00, 0.22, 0.39
HSL	142°, 21%, 51%
HSV	142°, 35%, 61%
XYZ	20.9750, 28.1233, 22.8219
YIQ	135.9780, -21.2700, -22.0220

Conversions

Conversions Part 2

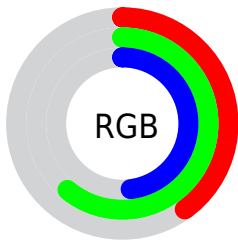
Format	Color
RYB	102, 141, 156
Decimal	6724730
CIELab	60.00, -25.43, 12.23
CIELCh	60, 28.223, 154.317
Yxy	28.1233, 0.2916, 0.3910
Android (android.graphics.Color)	4284914810 (0xFF669C7A)
YUV	135.9780, -6.8912, -29.7987
Hunter-Lab	53.0314, -22.2046, 11.6068

Details

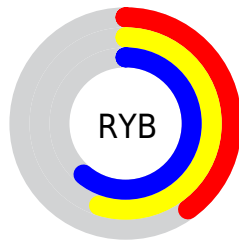
The CIELCh color $60, 28.223, 154.317$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $50, 28.765, 339.994$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $80, 28.448, 153.768$, and $40, 28.061, 154.199$ is the 20% darker color. If you saturate the color by 10%, you get $59, 36.056, 153.178$, and if you desaturate by 10%, it is $61, 20.143, 155.316$.

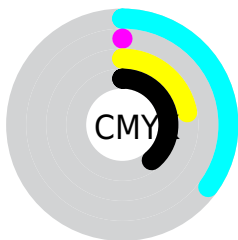
Distribution



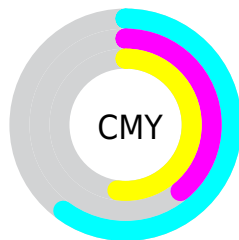
- Red (40%)
- Green (61%)
- Blue (48%)



- Red (40%)
- Yellow (55%)
- Blue (61%)



- Cyan (35%)
- Magenta (0%)
- Yellow (22%)
- Black (39%)





- Cyan (60%)
- Magenta (39%)
- Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 28.223, 154.317 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, 28.223, 154.317 by changing the saturation by 10% instead.


 60, 28.223,
154.317


 60, 28.223,
154.317


 100, 28.223,
154.317


 50, 28.223,
154.317


 80, 28.223,
154.317

 40, 28.223,
154.317

 90, 28.223,
154.317

 30, 28.223,
154.317

 20, 28.223,
154.317

 10, 28.223,
154.317

 0, 28.223, 154.317

 60, 28.223,

 60, 28.223,

154.317

154.317

■ 59, 36.056,
153.178

■ 61, 20.143,
155.316

■ 58, 43.500,
151.878

■ 62, 11.940,
156.200

■ 58, 50.414,
150.397

■ 64, 3.722, 157.028

■ 57, 56.671,
148.725

■ 65, 4.425, 337.567

■ 57, 62.181,
146.867

■ 67, 12.438,
338.227

■ 56, 66.902,
144.856

■ 69, 20.272,
338.793

■ 56, 69.250,
143.810

■ 71, 27.897,
339.303

■ 73, 35.295,
339.769

■ 75, 42.460,
340.196

Harmonies

Complementary

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



60, 28.223, 154.317



50, 28.765, 339.994

Rectangle

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



60, 28.223, 154.317



60, 28.223, 204.317



60, 28.223, 334.317



60, 28.223, 24.317

Sweetspot

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



60, 28.224, 154.316



80, 10.175, 156.560



62, 30.857, 122.497



42, 6.929, 156.454



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, 28.224, 154.316



76, 41.344, 153.507



61, 19.588, 185.610



33, 4.673, 156.636



52, 64.566, 143.992



3, 6.190, 156.435

Inverse Universe

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



50, 28.765, 339.994



61, 42.203, 340.682



49, 23.286, 12.240



31, 4.705, 337.895



31, 57.787, 349.763



1, 5.964, 338.754

Previews

White Background



This preview shows how the CIELCh color 60, 28.223, 154.317 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 CIE LCh color 60, 28.223, 154.317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

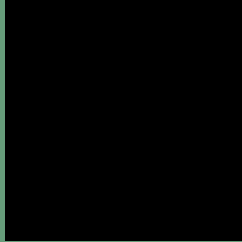
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 28.223, 154.317

Background



This preview shows how black text looks on a background with the CIELCh color 60, 28.223, 154.317.



This preview shows how white text looks on a background with the CIELCh color 60, 28.223, 154.317.

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, 28.223, 154.317

Protanopia
60, 16.166, 94.841

Deuteranopia
60, 12.766, 54.943



Tritanopia
60, 15.121, 225.127

Trichromacy



Original Color
60, 28.223, 154.317

Protanomaly
60, 17.655, 125.758

Deuteranomaly
59, 11.316, 115.064

Tritanomaly
60, 16.469, 187.972

Monochromacy



Original Color
60, 28.223, 154.317

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 10.143, 156.235

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 28.223, 154.317 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(102, 156, 122)` looks like.

```
.text, #text, p{  
    color:rgb(102, 156, 122)  
}
```

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(102, 156, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 156, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 28.223, 154.317 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(102, 156, 122) }
```

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

```
.border{ border-color:rgb(102, 156, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 156, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 156, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 156, 122);  
box-shadow:4px 4px 4px 4px rgb(102, 156,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 28.223, 154.317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 156, 122) }
```

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

```
.background{ background-color: rgb(102,  
156, 122) }
```

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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