

Converting Colors

CIELCh(60, 28.363, 142.696)

Have a look what the booklet for
CIELCh(60, 28.363, 142.696)
contains.

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Color

CIELCh(60, 28.204, 142.699)

Conversions

Conversions Part 1

Format	Color
Hex	729B72
RGB	114, 155, 114
RGB Percent	45%, 61%, 45%
CMY	0.5539, 0.3932, 0.5539
CMYK	0.26, 0.00, 0.26, 0.39
HSL	120°, 17%, 53%
HSV	120°, 26%, 61%
XYZ	21.6059, 28.1233, 20.1340
YIQ	138.0670, -11.2750, -21.4430

Conversions

Conversions Part 2

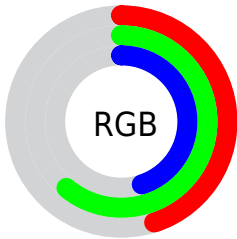
Format	Color
RYB	114, 155, 155
Decimal	7510898
CIELab	60.00, -22.44, 17.09
CIELCh	60, 28.204, 142.699
Yxy	28.1233, 0.3093, 0.4025
Android (android.graphics.Color)	4285700978 (0xFF729B72)
YUV	138.0670, -11.8650, -21.1068
Hunter-Lab	53.0314, -20.0811, 14.6118

Details

The CIELCh color $60, 28.204, 142.699$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $53, 28.213, 325.850$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $80, 28.394, 142.530$, and $40, 28.466, 143.108$ is the 20% darker color. If you saturate the color by 10%, you get $59, 38.700, 141.831$, and if you desaturate by 10%, it is $61, 17.534, 143.453$.

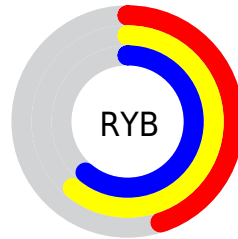
Distribution



Red (45%)

Green (61%)

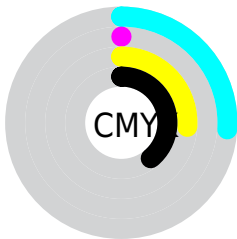
Blue (45%)



Red (45%)

Yellow (61%)

Blue (61%)

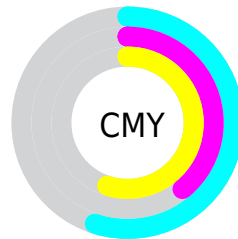


Cyan (26%)

Magenta (0%)

Yellow (26%)

Black (39%)



Cyan (55%)

Magenta (39%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 28.204, 142.699 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, 28.204, 142.699 by changing the saturation by 10% instead.

 60, 28.204,
142.699

 60, 28.204,
142.699


 100, 28.204,
142.699

 50, 28.204,
142.699

 80, 28.204,
142.699

 40, 28.204,
142.699

 90, 28.204,
142.699

 30, 28.204,
142.699

 20, 28.204,
142.699

 10, 28.204,
142.699

 0, 28.204, 142.699

 60, 28.204,

 60, 28.204,

142.699

142.699

■ 59, 38.700,
141.831

■ 61, 17.534,
143.453

■ 58, 48.789,
140.847

■ 63, 6.861, 144.113

■ 57, 58.185,
139.772

■ 64, 3.686, 324.568

■ 56, 66.539,
138.657

■ 66, 14.017,
325.072

■ 56, 73.450,
137.604

■ 68, 24.075,
325.470

■ 56, 78.514,
136.745


■ 70, 33.827,
325.804

■ 55, 81.571,
136.189

■ 72, 43.257,
326.089

■ 55, 82.480,
136.017

■ 75, 52.362,
326.332

 77, 61.148,
326.540

Harmonies

Complementary

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



60, 28.204, 142.699



53, 28.213, 325.850

Rectangle

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



60, 28.204, 142.699



60, 28.204, 192.699



60, 28.204, 322.699



60, 28.204, 12.699

Sweetspot

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



60, 28.205, 142.699



80, 10.496, 144.007



63, 22.643, 107.675



42, 7.526, 143.915



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, 28.205, 142.699



76, 42.167, 142.180



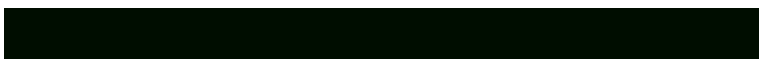
60, 19.479, 161.307



32, 5.930, 143.939



50, 76.765, 136.018



3, 6.384, 144.447

Inverse Universe

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



53, 28.213, 325.850



65, 42.149, 326.167



53, 20.115, 345.997



30, 5.939, 324.917



33, 74.061, 328.238



1, 6.385, 324.443

Previews

White Background



This preview shows how the CIE LCh color 60, 28.204, 142.699 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, 28.204, 142.699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

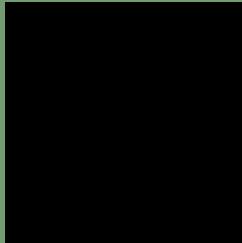
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 28.204, 142.699

Background



This preview shows how black text looks on a background with the CIELCh color 60, 28.204, 142.699.



This preview shows how white text looks on a background with the CIELCh color 60, 28.204, 142.699.

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, 28.204, 142.699

Protanopia

60, 20.076, 95.640

Deuteranopia

60, 17.224, 63.147



Tritanopia
60, 11.282, 232.268

Trichromacy



Original Color
60, 28.204, 142.699

Protanomaly
60, 21.002, 118.105

Deuteranomaly
59, 15.804, 102.286

Tritanomaly
60, 12.860, 177.595

Monochromacy



Original Color
60, 28.204, 142.699

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 10.411, 143.862

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 28.204, 142.699 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, 155, 114)` looks like.

```
.text, #text, p{  
    color:rgb(114, 155, 114)  
}
```

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, 155, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 155, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 28.204, 142.699 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, 155, 114) }
```

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

```
.border{ border-color:rgb(114, 155, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 155, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 155, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 155, 114);  
box-shadow:4px 4px 4px 4px rgb(114, 155,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 28.204, 142.699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 155, 114) }
```

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

```
.background{ background-color: rgb(114,  
155, 114) }
```

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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