

Converting Colors

CIELCh(60, 28.388, 163.523)

Have a look what the booklet for
CIELCh(60, 28.388, 163.523)
contains.

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Color

CIELCh(60, 28.056, 164.008)

Conversions

Conversions Part 1

Format	Color
Hex	5D9D82
RGB	93, 157, 130
RGB Percent	36%, 62%, 51%
CMY	0.6346, 0.3836, 0.4896
CMYK	0.41, 0.00, 0.17, 0.38
HSL	155°, 26%, 49%
HSV	155°, 41%, 62%
XYZ	20.6569, 28.1233, 25.5160
YIQ	134.7860, -29.4770, -21.9650

Conversions

Conversions Part 2

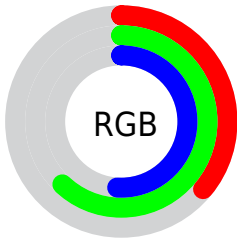
Format	Color
R_{YB}	93, 134, 157
Decimal	6135170
CIE _{Lab}	60.00, -26.97, 7.73
CIE _{LCh}	60, 28.056, 164.008
Yxy	28.1233, 0.2780, 0.3785
Android (android.graphics.Color)	4284325250 (0xFF5D9D82)
YUV	134.7860, -2.3595, -36.6463
Hunter-Lab	53.0314, -23.2755, 8.5948

Details

The CIELCh color $60, 28.056, 164.008$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $47, 30.108, 352.440$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $80, 28.091, 164.045$, and $40, 27.816, 164.439$ is the 20% darker color. If you saturate the color by 10%, you get $59, 34.279, 162.706$, and if you desaturate by 10%, it is $61, 21.460, 165.172$.

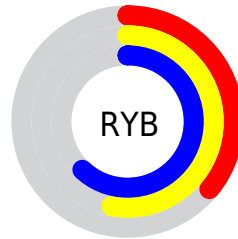
Distribution



Red (36%)

Green (62%)

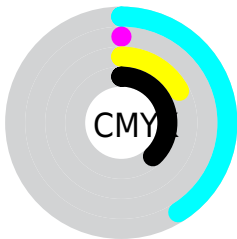
Blue (51%)



Red (36%)

Yellow (53%)

Blue (62%)

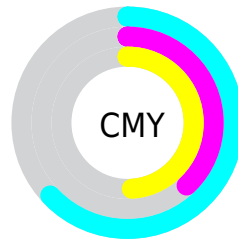


Cyan (41%)

Magenta (0%)

Yellow (17%)

Black (38%)



Cyan (63%)

Magenta (38%)


Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 28.056, 164.008 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, 28.056, 164.008 by changing the saturation by 10% instead.

 60, 28.056,
164.008

 60, 28.056,
164.008


 100, 28.056,
164.008

 50, 28.056,
164.008


 80, 28.056,
164.008

 40, 28.056,
164.008

 90, 28.056,
164.008

 30, 28.056,
164.008

 20, 28.056,
164.008

 10, 28.056,
164.008

 0, 28.056, 164.008

 60, 28.056,

 60, 28.056,

164.008

164.008

■ 59, 34.279,
162.706

■ 61, 21.460,
165.172

■ 58, 40.013,
161.246

■ 62, 14.601,
166.226

■ 58, 45.165,
159.603

■ 63, 7.586, 167.199

■ 58, 49.670,
157.760

■ 65, 0.507, 168.735

■ 66, 6.561, 348.766

■ 57, 53.516,
155.713

■ 68, 13.560,
349.540

■ 57, 56.657,
153.738

■ 70, 20.446,
350.245

■ 71, 27.189,
350.905

■ 73, 33.769,

Harmonies

Complementary

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



60, 28.056, 164.008



47, 30.108, 352.440

Rectangle

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



60, 28.056, 164.008



60, 28.056, 214.008



60, 28.056, 344.008



60, 28.056, 34.008

Sweetspot

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



60, 28.057, 164.007



80, 10.495, 167.055



61, 38.229, 129.516



42, 6.943, 166.943



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, 28.057, 164.007



75, 41.022, 162.814



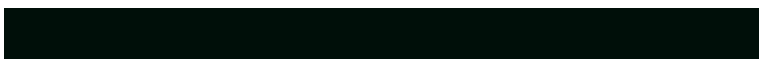
59, 20.052, 204.636



33, 4.020, 167.339



52, 52.612, 153.945



3, 5.384, 166.341

Inverse Universe

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



47, 30.108, 352.440



57, 44.591, 353.861



48, 26.882, 28.060



31, 4.088, 348.835



30, 54.853, 8.392



1, 5.206, 349.397

Previews

White Background



This preview shows how the CIELCh color 60, 28.056, 164.008 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, 28.056, 164.008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

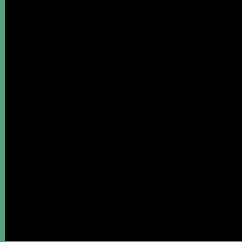
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 28.056, 164.008

Background



This preview shows how black text looks on a background with the CIELCh color 60, 28.056, 164.008.

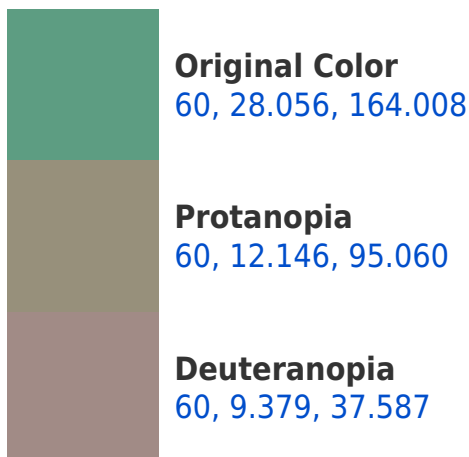


This preview shows how white text looks on a background with the CIELCh color 60, 28.056, 164.008.

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





Tritanopia
60, 17.979, 222.373

Trichromacy



Original Color
60, 28.056, 164.008

Protanomaly
60, 15.041, 138.855

Deuteranomaly
59, 8.360, 137.515

Tritanomaly
60, 19.116, 194.271

Monochromacy



Original Color
60, 28.056, 164.008

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 10.613, 165.947

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 28.056, 164.008 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(93, 157, 130)` looks like.

```
.text, #text, p{  
    color:rgb(93, 157, 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(93, 157, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 157, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 28.056, 164.008 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(93, 157, 130) }
```

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

```
.border{ border-color:rgb(93, 157, 130) }
```

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

Here you see how a box with a 4 pixel rgb(93, 157, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 157, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 157, 130);  
box-shadow:4px 4px 4px 4px rgb(93, 157,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 28.056, 164.008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 157, 130) }
```

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

```
.background{ background-color: rgb(93, 157,  
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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