

Converting Colors

CIE LCh(60, 20.502, 210.128)

Have a look what the booklet for
CIELCh(60, 20.502, 210.128)
contains.

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Color

CIELCh(60, 20.413, 210.612)

Conversions

Conversions Part 1

Format	Color
Hex	5D9AA2
RGB	93, 154, 162
RGB Percent	36%, 60%, 64%
CMY	0.6346, 0.3954, 0.3640
CMYK	0.43, 0.05, 0.00, 0.36
HSL	187°, 27%, 50%
HSV	187°, 43%, 64%
XYZ	22.6563, 28.1233, 38.5024
YIQ	136.6730, -38.9240, -10.4440

Conversions

Conversions Part 2

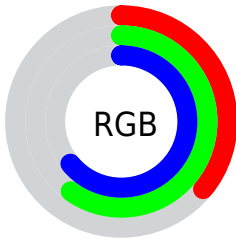
Format	Color
R_{YB}	93, 125, 162
Decimal	6134434
CIE _{Lab}	60.00, -17.57, -10.39
CIE _{LCh}	60, 20.413, 210.612
Yxy	28.1233, 0.2538, 0.3150
Android (android.graphics.Color)	4284324514 (0xFF5D9AA2)
YUV	136.6730, 12.4862, -38.3012
Hunter-Lab	53.0314, -16.5455, -5.9243

Details

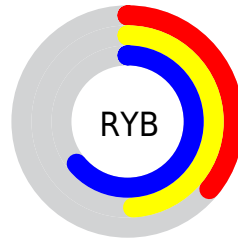
The CIELCh color $60, 20.413, 210.612$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $49, 27.914, 32.152$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $80, 20.496, 210.125$, and $40, 20.436, 209.319$ is the 20% darker color. If you saturate the color by 10%, you get $59, 23.928, 211.096$, and if you desaturate by 10%, it is $61, 16.318, 210.315$.

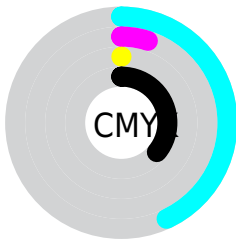
Distribution



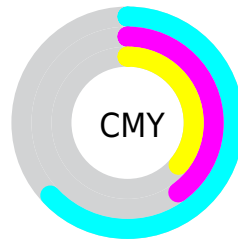
- Red (36%)
- Green (60%)
- Blue (64%)



- Red (36%)
- Yellow (49%)
- Blue (64%)



- Cyan (43%)
- Magenta (5%)
- Yellow (0%)
- Black (36%)





- Cyan (63%)
- Magenta (40%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 20.413, 210.612 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, 20.413, 210.612 by changing the saturation by 10% instead.


 60, 20.413,
210.612


 60, 20.413,
210.612


 100, 20.413,
210.612


 50, 20.413,
210.612


 80, 20.413,
210.612

 40, 20.413,
210.612

 90, 20.413,
210.612

 30, 20.413,
210.612

 20, 20.413,
210.612

 10, 20.413,
210.612

 0, 20.413, 210.612

 60, 20.413,

 60, 20.413,

210.612

■ 59, 23.928,
211.096

■ 58, 26.791,
211.814

■ 57, 28.954,
212.807

■ 56, 30.407,
214.120

■ 55, 31.187,
215.796

■ 54, 31.498,
217.212

210.612

■ 61, 16.318,
210.315

■ 63, 11.727,
210.181

■ 65, 6.727, 210.190

■ 66, 1.399, 210.537

■ 68, 4.182, 30.237

■ 70, 9.950, 30.516

■ 72, 15.853, 30.791

■ 74, 21.846, 31.088

■ 76, 27.892, 31.404

Harmonies

Complementary

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



60, 20.413, 210.612



49, 27.914, 32.152

Rectangle

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



60, 20.413, 210.612



60, 20.413, 260.612



60, 20.413, 30.612



60, 20.413, 80.612

Sweetspot

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



60, 20.413, 210.609



82, 8.641, 210.184



61, 43.577, 143.940



43, 6.058, 210.173



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



60, 20.413, 210.609



75, 28.939, 211.062



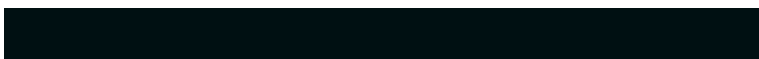
50, 25.370, 272.759



34, 3.076, 210.230



49, 29.085, 216.995



4, 4.783, 213.733

Inverse Universe

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



49, 43.028, 330.235



60, 62.959, 330.780



58, 26.601, 79.871



32, 5.787, 328.264



33, 69.535, 333.350



1, 8.752, 328.801

Previews

White Background



This preview shows how the CIE LCh color 60, 20.413, 210.612 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, 20.413, 210.612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

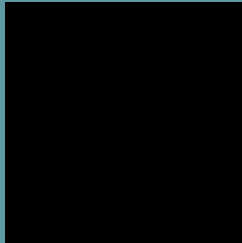
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 20.413, 210.612

Background



This preview shows how black text looks on a background with the CIELCh color 60, 20.413, 210.612.



This preview shows how white text looks on a background with the CIELCh color 60, 20.413, 210.612.

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, 20.413, 210.612

Protanopia
60, 6.790, 290.952

Deuteranopia
60, 14.514, 303.434



Tritanopia
60, 20.419, 217.359

Trichromacy



Original Color
60, 20.413, 210.612

Protanomaly
60, 9.932, 237.804

Deuteranomaly
59, 12.171, 261.555

Tritanomaly
60, 20.329, 215.737

Monochromacy



Original Color
60, 20.413, 210.612

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 8.293, 210.621

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 20.413, 210.612 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, 154, 162)` looks like.

```
.text, #text, p{  
    color:rgb(93, 154, 162)  
}
```

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, 154, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 154, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 20.413, 210.612 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, 154, 162) }
```

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

```
.border{ border-color:rgb(93, 154, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 154, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 154, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 154, 162);  
box-shadow:4px 4px 4px 4px rgb(93, 154,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 20.413, 210.612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 154, 162) }
```

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

```
.background{ background-color: rgb(93, 154,  
162) }
```

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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