

Converting Colors

CIELCh(61, 30.434, 164.404)

Have a look what the booklet for
CIELCh(61, 30.434, 164.404)
contains.

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Color

CIELCh(61, 30.454, 164.372)

Conversions

Conversions Part 1

Format	Color
Hex	5AA184
RGB	90, 161, 132
RGB Percent	35%, 63%, 52%
CMY	0.6478, 0.3694, 0.4831
CMYK	0.44, 0.00, 0.18, 0.37
HSL	155°, 28%, 49%
HSV	155°, 44%, 63%
XYZ	21.0620, 29.2481, 26.2996
YIQ	136.4650, -33.0070, -24.0710

Conversions

Conversions Part 2

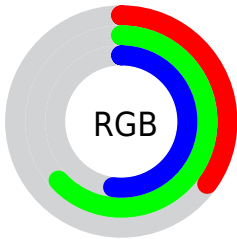
Format	Color
R_{YB}	90, 135, 161
Decimal	5939588
CIE _{Lab}	61.00, -29.33, 8.20
CIE _{LCh}	61, 30.454, 164.372
Yxy	29.2481, 0.2749, 0.3818
Android (android.graphics.Color)	4284129668 (0xFF5AA184)
YUV	136.4650, -2.2012, -40.7498
Hunter-Lab	54.0815, -25.1262, 9.0246

Details

The CIELCh color $61, 30.454, 164.372$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $47, 33.026, 353.850$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $81, 30.244, 164.294$, and $41, 30.375, 164.723$ is the 20% darker color. If you saturate the color by 10%, you get $60, 36.537, 163.015$, and if you desaturate by 10%, it is $62, 23.944, 165.584$.

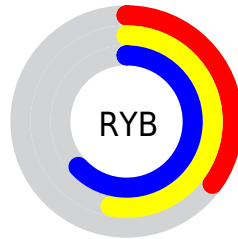
Distribution



Red (35%)

Green (63%)

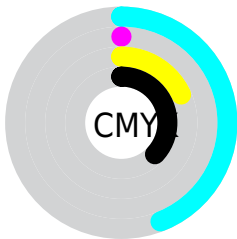
Blue (52%)



Red (35%)

Yellow (53%)

Blue (63%)

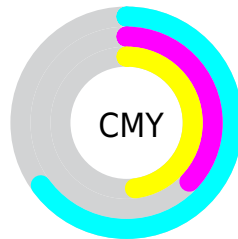


Cyan (44%)

Magenta (0%)

Yellow (18%)

Black (37%)



Cyan (65%)


Magenta (37%)


Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 30.454, 164.372 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 61, 30.454, 164.372 by changing the saturation by 10% instead.


 61, 30.454,
164.372


 61, 30.454,
164.372


 100, 30.454,
164.372


 51, 30.454,
164.372


 81, 30.454,
164.372

 41, 30.454,
164.372

 91, 30.454,
164.372

 31, 30.454,
164.372

 21, 30.454,
164.372

 11, 30.454,
164.372

 1, 30.454, 164.372

 0, 30.454, 164.372

61, 30.454,
164.372

61, 30.454,
164.372

60, 36.537,
163.015

62, 23.944,
165.584

60, 42.082,
161.493

63, 17.119,
166.679

59, 47.002,
159.782

64, 10.093,
167.682

59, 51.253,
157.868

66, 2.964, 168.674

58, 54.844,
155.754

67, 4.186, 349.291

58, 56.782,
154.518

69, 11.290,
350.121

70, 18.299,
350.856

72, 25.177,
351.542

■ 74, 31.901,
352.187

Harmonies

Complementary

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



61, 30.454, 164.372



47, 33.026, 353.850

Rectangle

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



61, 30.454, 164.372



61, 30.454, 214.372



61, 30.454, 344.372



61, 30.454, 34.372

Sweetspot

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



61, 30.455, 164.371



82, 11.487, 167.769



62, 42.309, 129.910



43, 8.015, 167.566



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



61, 30.455, 164.371



77, 44.302, 163.037



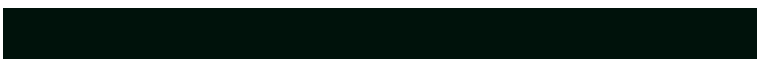
60, 21.450, 206.624



34, 4.089, 168.151



53, 52.519, 154.732



4, 6.630, 165.657

Inverse Universe

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



47, 33.026, 353.850



56, 48.700, 355.520



48, 29.677, 29.742



32, 4.163, 349.667



30, 55.633, 9.778



1, 6.239, 351.298

Previews

White Background



This preview shows how the CIELCh color 61, 30.454, 164.372 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 61, 30.454, 164.372 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 61, 30.454, 164.372

Background



This preview shows how black text looks on a background with the CIELCh color 61, 30.454, 164.372.



This preview shows how white text looks on a background with the CIELCh color 61, 30.454, 164.372.

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


61, 30.454, 164.372

Protanopia

61, 12.763, 93.779

Deuteranopia

61, 9.747, 36.891



Tritanopia
61, 19.655, 218.169

Trichromacy



Original Color
61, 30.454, 164.372

Protanomaly
60, 15.695, 139.036

Deuteranomaly
60, 9.028, 137.982

Tritanomaly
61, 21.228, 192.928

Monochromacy



Original Color
61, 30.454, 164.372

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 11.857, 166.451

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 30.454, 164.372 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(90, 161, 132)` looks like.

```
.text, #text, p{  
    color:rgb(90, 161, 132)  
}
```

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(90, 161, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 161, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 30.454, 164.372 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(90, 161, 132) }
```

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

```
.border{ border-color:rgb(90, 161, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 161, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 161, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 161, 132);  
box-shadow:4px 4px 4px 4px rgb(90, 161,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 30.454, 164.372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 161, 132) }
```

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

```
.background{ background-color: rgb(90, 161,  
132) }
```

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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