

Converting Colors

CIELCh(62, 30.178, 93.414)

Have a look what the booklet for
CIELCh(62, 30.178, 93.414) contains.

CIELCh(62, 30.178, 93.414)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(62, 30.178, 93.414)

Conversions

Conversions Part 1

Format	Color
Hex	A59560
RGB	165, 149, 96
RGB Percent	65%, 58%, 38%
CMY	0.3524, 0.4151, 0.6230
CMYK	0.00, 0.10, 0.42, 0.35
HSL	46°, 28%, 51%
HSV	46°, 42%, 65%
XYZ	28.4358, 30.4025, 15.4686
YIQ	147.7420, 26.5490, -13.0910

Conversions

Conversions Part 2

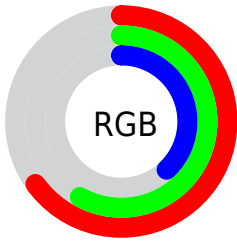
Format	Color
RYB	117, 165, 96
Decimal	10851680
CIELab	62.00, -1.80, 30.12
CIElCh	62, 30.178, 93.414
Yxy	30.4025, 0.3827, 0.4091
Android (android.graphics.Color)	4289041760 (0xFFA59560)
YUV	147.7420, -25.5088, 15.1353
Hunter-Lab	55.1385, -4.4371, 21.9637

Details

The CIELCh color **62, 30.178, 93.414** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **48, 31.438, 284.944**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 30.313, 93.590**, and **42, 30.202, 92.644** is the 20% darker color. If you saturate the color by 10%, you get **61, 37.309, 92.149**, and if you desaturate by 10%, it is **63, 22.928, 94.662**.

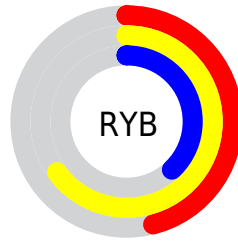
Distribution



Red (65%)

Green (58%)

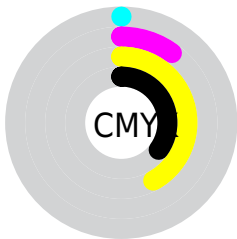
Blue (38%)



Red (46%)

Yellow (65%)

Blue (38%)

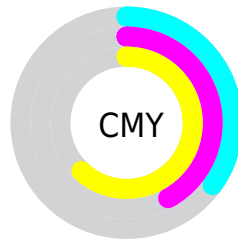


Cyan (0%)

Magenta (10%)

Yellow (42%)

Black (35%)



Cyan (35%)

Magenta (42%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 30.178, 93.414 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 62, 30.178, 93.414 by changing the saturation by 10% instead.


 62, 30.178, 93.414

 62, 30.178, 93.414

 100, 30.178,
93.414


 52, 30.178, 93.414

 82, 30.178, 93.414

 42, 30.178, 93.414

 92, 30.178, 93.414

 32, 30.178, 93.414

 22, 30.178, 93.414

 12, 30.178, 93.414

 2, 30.178, 93.414

 0, 30.178, 93.414

 62, 30.178, 93.414

 62, 30.178, 93.414

 61, 37.309, 92.149

 63, 22.928, 94.662

■ 59, 44.140, 90.854

■ 65, 15.660, 95.878

■ 58, 50.374, 89.522

■ 66, 8.429, 97.055

■ 57, 55.555, 88.120

■ 68, 1.265, 98.100

■ 56, 59.110, 86.582

■ 69, 5.819, 279.352

■ 55, 60.980, 85.228

■ 71, 12.816,
280.398

■ 72, 19.727,
281.406

■ 74, 26.553,
282.368

■ 75, 33.297,
283.281

Harmonies

Complementary

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



62, 30.178, 93.414



48, 31.438, 284.944

Rectangle

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



62, 30.178, 93.414



62, 30.178, 143.414



62, 30.178, 273.414



62, 30.178, 323.414

Sweetspot

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



62, 30.179, 93.418



83, 11.497, 96.887



49, 30.188, 5.895



44, 8.040, 96.641



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



62, 30.179, 93.418



77, 44.531, 92.261



65, 38.057, 118.052



34, 3.999, 97.344



49, 55.577, 85.446



4, 5.877, 94.880

Inverse Universe

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



48, 31.438, 284.944



57, 47.124, 286.996



45, 41.672, 303.742



32, 4.035, 279.553



21, 72.902, 300.756



1, 6.367, 279.795

Previews

White Background



This preview shows how the CIELCh color 62, 30.178, 93.414 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 62, 30.178, 93.414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

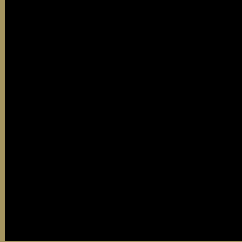
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 30.178, 93.414

Background



This preview shows how black text looks on a background with the CIELCh color 62, 30.178, 93.414.



This preview shows how white text looks on a background with the CIELCh color 62, 30.178, 93.414.

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


62, 30.178, 93.414

Protanopia

62, 30.371, 96.018

Deuteranopia

62, 30.775, 75.047



Tritanopia
62, 12.895, 352.283

Trichromacy



Original Color
62, 30.178, 93.414

Protanomaly
62, 30.464, 95.205

Deuteranomaly
62, 30.025, 80.940

Tritanomaly
62, 12.304, 56.098

Monochromacy



Original Color
62, 30.178, 93.414

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 10.901, 96.008

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 30.178, 93.414 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(165, 149, 96)` looks like.

```
.text, #text, p{  
    color:rgb(165, 149, 96)  
}
```

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(165, 149, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 149, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 30.178, 93.414 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(165, 149, 96) }
```

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

```
.border{ border-color:rgb(165, 149, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 149, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 149, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 149, 96);  
box-shadow:4px 4px 4px 4px rgb(165, 149,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 30.178, 93.414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 149, 96) }
```

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

```
.background{ background-color: rgb(165,  
149, 96) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor