

Converting Colors

CIELCh(60, 22.825, 110.916)

Have a look what the booklet for
CIELCh(60, 22.825, 110.916)
contains.

CIELCh(60, 22.861, 110.751)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(60, 22.861, 110.751)

Conversions

Conversions Part 1

Format	Color
Hex	91946B
RGB	145, 148, 107
RGB Percent	57%, 58%, 42%
CMY	0.4327, 0.4209, 0.5816
CMYK	0.02, 0.00, 0.28, 0.42
HSL	64°, 16%, 50%
HSV	64°, 28%, 58%
XYZ	24.7962, 28.1233, 17.9462
YIQ	142.4290, 11.3730, -13.3870

Conversions

Conversions Part 2

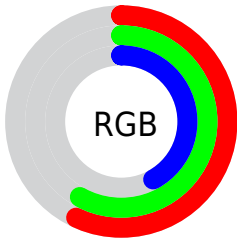
Format	Color
R_{YB}	107, 148, 110
Decimal	9540715
CIE Lab	60.00, -8.10, 21.38
CIE LCh	60, 22.861, 110.751
Yxy	28.1233, 0.3499, 0.3969
Android (android.graphics.Color)	4287730795 (0xFF91946B)
YUV	142.4290, -17.4665, 2.2548
Hunter-Lab	53.0314, -9.3427, 17.0578

Details

The CIELCh color $60, 22.861, 110.751$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $47, 24.374, 295.883$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 22.702, 111.100$, and $40, 22.687, 110.206$ is the 20% darker color. If you saturate the color by 10%, you get $60, 30.859, 109.935$, and if you desaturate by 10%, it is $60, 14.693, 111.590$.

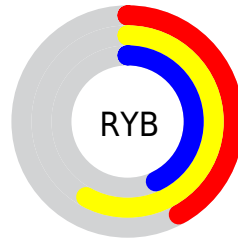
Distribution



Red (57%)

Green (58%)

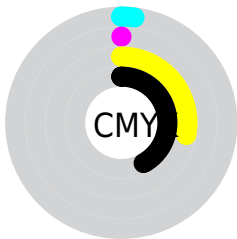
Blue (42%)



Red (42%)

Yellow (58%)

Blue (43%)

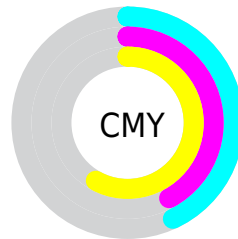


Cyan (2%)

Magenta (0%)

Yellow (28%)

Black (42%)



Cyan (43%)


Magenta (42%)


Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 22.861, 110.751 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, 22.861, 110.751 by changing the saturation by 10% instead.

 60, 22.861,
110.751


 60, 22.861,
110.751


 100, 22.861,
110.751


 50, 22.861,
110.751


 80, 22.861,
110.751

 40, 22.861,
110.751

 90, 22.861,
110.751

 30, 22.861,
110.751

 20, 22.861,
110.751

 10, 22.861,
110.751

 0, 22.861, 110.751

 60, 22.861,

 60, 22.861,

110.751

■ 60, 30.859,
109.935

■ 59, 38.565,
109.155

■ 59, 45.800,
108.447

■ 59, 52.305,
107.856

■ 59, 57.738,
107.433

■ 59, 61.728,
107.236

■ 58, 64.223,
107.269

■ 58, 64.742,
107.281

110.751

■ 60, 14.693,
111.590

■ 61, 6.431, 112.422

■ 61, 1.875, 293.261

■ 62, 10.187,
294.044

■ 62, 18.481,
294.807

■ 63, 26.740,
295.537

■ 64, 34.950,
296.230

■ 64, 43.099,
296.884

■ 65, 51.181,
297.499

Harmonies

Complementary

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



60, 22.861, 110.751



47, 24.374, 295.883

Rectangle

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



60, 22.861, 110.751



60, 22.861, 160.751



60, 22.861, 290.751



60, 22.861, 340.751

Sweetspot

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



60, 22.862, 110.755



77, 8.191, 112.388



50, 16.559, 26.784



41, 5.867, 112.272



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



60, 22.862, 110.755



76, 33.424, 110.267



58, 24.907, 130.143



31, 4.690, 112.302



55, 61.523, 107.254



3, 4.121, 113.062

Inverse Universe

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



47, 24.374, 295.883



56, 36.214, 296.651



49, 25.707, 312.577



29, 4.789, 293.872



15, 84.207, 306.595



0, 4.121, 293.062

Previews

White Background



This preview shows how the CIELCh color 60, 22.861, 110.751 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, 22.861, 110.751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

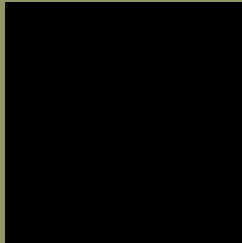
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

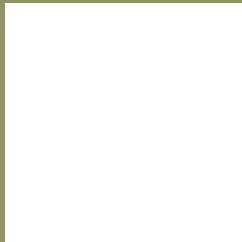
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 22.861, 110.751

Background



This preview shows how black text looks on a background with the CIELCh color 60, 22.861, 110.751.



This preview shows how white text looks on a background with the CIELCh color 60, 22.861, 110.751.

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, 22.861, 110.751

Protanopia

60, 22.342, 95.418

Deuteranopia

60, 21.761, 70.172



Tritanopia
60, 7.144, 319.641

Trichromacy



Original Color
60, 22.861, 110.751

Protanomaly
60, 21.945, 100.944

Deuteranomaly
60, 20.834, 84.851

Tritanomaly
60, 4.910, 85.689

Monochromacy



Original Color
60, 22.861, 110.751

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 8.458, 111.931

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 22.861, 110.751 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(145, 148, 107)` looks like.

```
.text, #text, p{  
    color:rgb(145, 148, 107)  
}
```

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(145, 148, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 148, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 22.861, 110.751 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(145, 148, 107) }
```

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

```
.border{ border-color:rgb(145, 148, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 148, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 148, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 148, 107);  
box-shadow:4px 4px 4px 4px rgb(145, 148,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 22.861, 110.751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 148, 107) }
```

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

```
.background{ background-color: rgb(145,  
148, 107) }
```

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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