

Converting Colors

CIELCh(60, 44.021, 130.881)

Have a look what the booklet for
CIELCh(60, 44.021, 130.881)
contains.

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Color

CIELCh(60, 44.021, 130.881)

Conversions

Conversions Part 1

Format	Color
Hex	709D54
RGB	112, 157, 84
RGB Percent	44%, 62%, 33%
CMY	0.5615, 0.3850, 0.6712
CMYK	0.29, 0.00, 0.47, 0.39
HSL	97°, 30%, 47%
HSV	97°, 47%, 61%
XYZ	20.2797, 28.1233, 12.7128
YIQ	135.2230, -3.3870, -32.2430

Conversions

Conversions Part 2

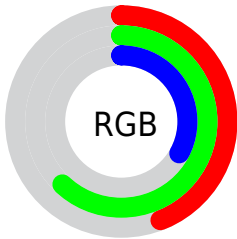
Format	Color
R_{YB}	84, 157, 129
Decimal	7380308
CIE _{Lab}	60.00, -28.81, 33.28
CIE _{LCh}	60, 44.021, 130.881
Yxy	28.1233, 0.3318, 0.4602
Android (android.graphics.Color)	4285570388 (0xFF709D54)
YUV	135.2230, -25.2529, -20.3666
Hunter-Lab	53.0314, -24.5451, 22.9089

Details

The CIELCh color $60, 44.021, 130.881$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $43, 46.135, 315.035$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $80, 44.148, 131.140$, and $40, 43.866, 130.855$ is the 20% darker color. If you saturate the color by 10%, you get $59, 52.784, 130.447$, and if you desaturate by 10%, it is $61, 34.819, 131.369$.

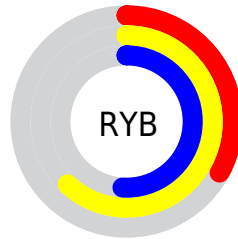
Distribution



Red (44%)

Green (62%)

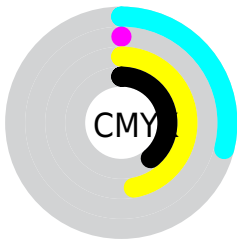
Blue (33%)



Red (33%)

Yellow (62%)

Blue (51%)

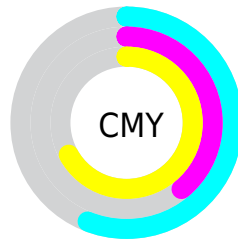


Cyan (29%)

Magenta (0%)

Yellow (47%)

Black (39%)



Cyan (56%)

Magenta (39%)


Yellow (67%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 44.021, 130.881 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, 44.021, 130.881 by changing the saturation by 10% instead.

 60, 44.021,
130.881


 60, 44.021,
130.881


 100, 44.021,
130.881


 50, 44.021,
130.881


 80, 44.021,
130.881

 40, 44.021,
130.881

 90, 44.021,
130.881

 30, 44.021,
130.881

 20, 44.021,
130.881

 10, 44.021,
130.881

 0, 44.021, 130.881

 60, 44.021,

 60, 44.021,

130.881

130.881

■ 59, 52.784,
130.447

■ 61, 34.819,
131.369

■ 59, 60.838,
130.134

■ 62, 25.368,
131.862

■ 58, 67.831,
130.046

■ 63, 15.806,
132.337

■ 58, 73.369,
130.306

■ 64, 6.229, 132.788

■ 57, 77.233,
130.972

■ 65, 3.291, 313.126

■ 57, 78.412,
131.191

■ 66, 12.705,
313.513

■ 68, 21.979,
313.835

■ 69, 31.089,
314.116

■ 71, 40.019,
314.362

Harmonies

Complementary

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



60, 44.021, 130.881



43, 46.135, 315.035

Rectangle

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



60, 44.021, 130.881



60, 44.021, 180.881



60, 44.021, 310.881



60, 44.021, 0.881

Sweetspot

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



60, 44.022, 130.882



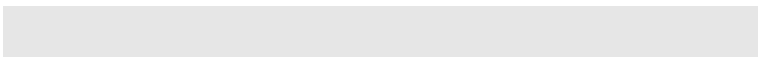
80, 16.566, 132.441



55, 28.450, 79.335



42, 11.415, 132.349



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, 44.022, 130.882



75, 64.710, 130.426



59, 46.179, 143.522



33, 5.427, 132.667



52, 73.120, 131.069



4, 7.135, 133.684

Inverse Universe

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



43, 46.135, 315.035



51, 68.516, 315.426



47, 46.014, 329.922



31, 5.482, 313.395



24, 78.921, 315.089



1, 7.044, 311.971

Previews

White Background



This preview shows how the CIELCh color 60, 44.021, 130.881 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, 44.021, 130.881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

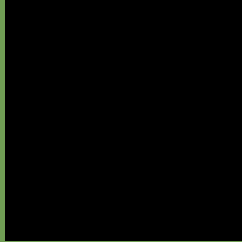
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 44.021, 130.881

Background



This preview shows how black text looks on a background with the CIELCh color 60, 44.021, 130.881.

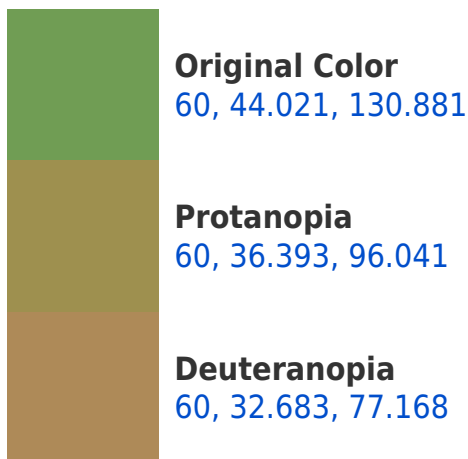


This preview shows how white text looks on a background with the CIELCh color 60, 44.021, 130.881.

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, 10.770, 238.007

Trichromacy



Original Color
60, 44.021, 130.881

Protanomaly
60, 37.343, 111.327

Deuteranomaly
59, 32.726, 101.732

Tritanomaly
60, 16.170, 156.432

Monochromacy



Original Color
60, 44.021, 130.881

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 16.628, 131.439

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 44.021, 130.881 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(112, 157, 84)` looks like.

```
.text, #text, p{  
    color:rgb(112, 157, 84)  
}
```

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(112, 157, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 157, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 44.021, 130.881 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(112, 157, 84) }
```

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

```
.border{ border-color:rgb(112, 157, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 157, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 157, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 157, 84);  
box-shadow:4px 4px 4px 4px rgb(112, 157,  
84) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 44.021, 130.881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 157, 84) }
```

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

```
.background{ background-color: rgb(112,  
157, 84) }
```

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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