

Converting Colors

CIELCh(50, 22.756, 147.216)

Have a look what the booklet for
CIELCh(50, 22.756, 147.216)
contains.

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Color

CIELCh(50, 22.601, 146.719)

Conversions

Conversions Part 1

Format	Color
Hex	5C7F61
RGB	92, 127, 97
RGB Percent	36%, 50%, 38%
CMY	0.6380, 0.5007, 0.6184
CMYK	0.28, 0.00, 0.24, 0.50
HSL	129°, 16%, 43%
HSV	129°, 28%, 50%
XYZ	14.2448, 18.4187, 14.1862
YIQ	113.1150, -11.2300, -16.7500

Conversions

Conversions Part 2

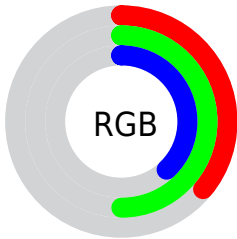
Format	Color
R_{YB}	92, 123, 127
Decimal	6061921
CIE _{Lab}	50.00, -18.89, 12.40
CIE _{LCh}	50, 22.601, 146.719
Yxy	18.4187, 0.3041, 0.3931
Android (android.graphics.Color)	4284252001 (0xFF5C7F61)
YUV	113.1150, -7.9447, -18.5179
Hunter-Lab	42.9170, -15.8578, 10.4435

Details

The CIELCh color **50, 22.601, 146.719** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **44, 22.655, 330.196**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **70, 22.533, 146.992**, and **30, 22.952, 145.858** is the 20% darker color. If you saturate the color by 10%, you get **49, 30.716, 145.814**, and if you desaturate by 10%, it is **51, 14.366, 147.505**.

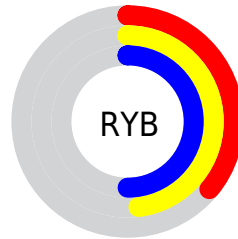
Distribution



Red (36%)

Green (50%)

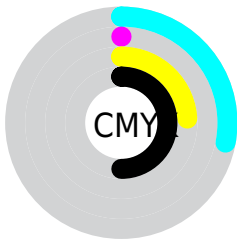
Blue (38%)



Red (36%)

Yellow (48%)

Blue (50%)

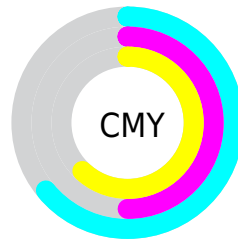


Cyan (28%)

Magenta (0%)

Yellow (24%)

Black (50%)



Cyan (64%)


Magenta (50%)

Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 22.601, 146.719 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 50, 22.601, 146.719 by changing the saturation by 10% instead.


 50, 22.601,
146.719


 50, 22.601,
146.719


 100, 22.601,
146.719


 40, 22.601,
146.719


 70, 22.601,
146.719

 30, 22.601,
146.719


 80, 22.601,
146.719


 20, 22.601,
146.719

 90, 22.601,
146.719

 10, 22.601,
146.719

 0, 22.601, 146.719

 50, 22.601,
146.719

 50, 22.601,
146.719

■ 49, 30.716,
145.814

■ 51, 14.366,
147.505

■ 48, 38.564,
144.775

■ 52, 6.124, 148.198

■ 48, 45.974,
143.598

■ 54, 2.032, 328.640

■ 47, 52.759,
142.294

■ 55, 10.038,
329.225

■ 47, 58.722,
140.896

■ 57, 17.848,
329.670

■ 46, 63.666,
139.471

■ 58, 25.436,
330.054

■ 46, 67.488,
138.191

■ 60, 32.787,
330.390

■ 46, 68.300,
137.955

■ 62, 39.894,
330.686

■ 64, 46.761,
330.948

Harmonies

Complementary

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



50, 22.601, 146.719



44, 22.655, 330.196

Rectangle

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



50, 22.601, 146.719



50, 22.601, 196.719



50, 22.601, 326.719



50, 22.601, 16.719

Sweetspot

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



50, 22.602, 146.719



67, 8.108, 148.152



52, 20.150, 113.377



35, 5.813, 148.063



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



50, 22.602, 146.719



63, 33.599, 146.166



50, 15.574, 168.958



26, 4.612, 148.090



46, 68.375, 137.953



0, 0.000, 0.000

Inverse Universe

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



44, 22.655, 330.196



54, 33.658, 330.573



43, 16.535, 354.235



25, 4.624, 329.097



29, 62.036, 334.631



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 50, 22.601, 146.719 looks on a white 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

Black Background



This preview shows how the CIE LCh color 50, 22.601, 146.719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

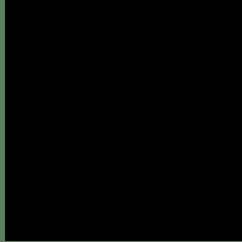
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 22.601, 146.719

Background



This preview shows how black text looks on a background with the CIELCh color 50, 22.601, 146.719.



This preview shows how white text looks on a background with the CIELCh color 50, 22.601, 146.719.

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
50, 22.601, 146.719

Protanopia
50, 14.958, 94.709

Deuteranopia
50, 13.001, 58.809



Tritanopia
50, 10.133, 230.099

Trichromacy



Original Color
50, 22.601, 146.719

Protanomaly
50, 15.387, 119.395

Deuteranomaly
50, 11.662, 104.426

Tritanomaly
50, 11.392, 180.209

Monochromacy



Original Color
50, 22.601, 146.719

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 8.404, 148.324

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 22.601, 146.719 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(92, 127, 97)` looks like.

```
.text, #text, p{  
    color:rgb(92, 127, 97)  
}
```

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(92, 127, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 127, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 22.601, 146.719 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(92, 127, 97) }
```

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

```
.border{ border-color:rgb(92, 127, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 127, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 127, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 127, 97);  
box-shadow:4px 4px 4px 4px rgb(92, 127,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 22.601, 146.719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 127, 97) }
```

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

```
.background{ background-color: rgb(92, 127,  
97) }
```

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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