

Converting Colors

CIELCh(48, 28.565, 144.077)

Have a look what the booklet for
CIELCh(48, 28.565, 144.077)
contains.

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Color

CIELCh(48, 28.603, 144.056)

Conversions

Conversions Part 1

Format	Color
Hex	527C55
RGB	82, 124, 85
RGB Percent	32%, 49%, 33%
CMY	0.6793, 0.5146, 0.6675
CMYK	0.34, 0.00, 0.31, 0.51
HSL	124°, 20%, 40%
HSV	124°, 34%, 49%
XYZ	12.2708, 16.7945, 11.1448
YIQ	106.9960, -12.5130, -21.0330

Conversions

Conversions Part 2

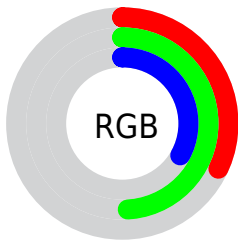
Format	Color
R_{YB}	82, 121, 124
Decimal	5405781
CIE _{Lab}	48.00, -23.16, 16.79
CIE _{LCh}	48, 28.603, 144.056
Y _{xy}	16.7945, 0.3052, 0.4177
Android (android.graphics.Color)	4283595861 (0xFF527C55)
YUV	106.9960, -10.8440, -21.9215
Hunter-Lab	40.9810, -18.2694, 12.5628

Details

The CIELCh color $48, 28.603, 144.056$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $41, 28.605, 328.273$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $68, 28.639, 144.022$, and $28, 28.961, 143.747$ is the 20% darker color. If you saturate the color by 10%, you get $47, 36.771, 143.101$, and if you desaturate by 10%, it is $49, 20.207, 144.890$.

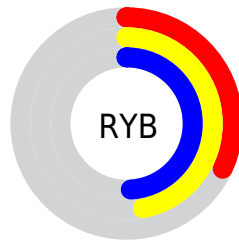
Distribution



Red (32%)

Green (49%)

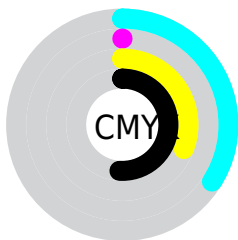
Blue (33%)



Red (32%)

Yellow (47%)

Blue (49%)

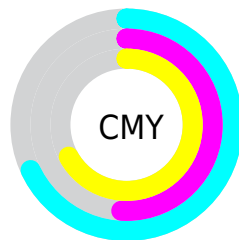


Cyan (34%)

Magenta (0%)

Yellow (31%)

Black (51%)



Cyan (68%)

Magenta (51%)

Yellow (67%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 28.603, 144.056 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 48, 28.603, 144.056 by changing the saturation by 10% instead.

 48, 28.603,
144.056


 48, 28.603,
144.056


 100, 28.603,
144.056


 38, 28.603,
144.056

 68, 28.603,
144.056


 28, 28.603,
144.056

 78, 28.603,
144.056

 18, 28.603,
144.056

 88, 28.603,
144.056

 8, 28.603, 144.056

 98, 28.603,
144.056

 0, 28.603, 144.056

 48, 28.603,

 48, 28.603,

144.056

144.056

■ 47, 36.771,
143.101

■ 49, 20.207,
144.890

■ 46, 44.527,
142.023

■ 50, 11.728,
145.613

■ 46, 51.659,
140.843

■ 51, 3.283, 146.270

■ 45, 57.926,
139.605

■ 53, 5.045, 326.700

■ 45, 63.072,
138.394

■ 54, 13.196,
327.176

■ 45, 66.870,
137.333

■ 56, 21.130,
327.570

■ 45, 68.581,
136.939

■ 58, 28.826,
327.908

■ 59, 36.273,
328.200

■ 61, 43.469,
328.455

Harmonies

Complementary

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



48, 28.603, 144.056



41, 28.605, 328.273

Rectangle

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



48, 28.603, 144.056



48, 28.603, 194.056



48, 28.603, 324.056



48, 28.603, 14.056

Sweetspot

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



48, 28.604, 144.056



64, 10.402, 145.857



51, 24.083, 109.997



34, 7.157, 145.781



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



48, 28.604, 144.056



61, 42.562, 143.296



48, 19.608, 164.237



25, 4.686, 145.933



45, 69.066, 136.929



87, 117.622, 136.449

Inverse Universe

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



41, 28.605, 328.273



50, 42.483, 328.704



40, 20.720, 350.720



24, 4.695, 326.894



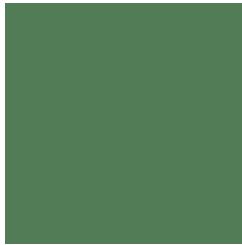
28, 64.529, 331.195



59, 108.308, 331.368

Previews

White Background



This preview shows how the CIELCh color 48, 28.603, 144.056 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 CIELCh color 48, 28.603, 144.056 looks on a black 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

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

CIELCh 48, 28.603, 144.056

Background



This preview shows how black text looks on a background with the CIELCh color 48, 28.603, 144.056.



This preview shows how white text looks on a background with the CIELCh color 48, 28.603, 144.056.

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


48, 28.603, 144.056

Protanopia

48, 19.709, 95.622

Deuteranopia

48, 16.519, 67.859



Tritanopia
48, 11.586, 229.272

Trichromacy



Original Color
48, 28.603, 144.056

Protanomaly
48, 20.821, 119.574

Deuteranomaly
47, 15.790, 108.005

Tritanomaly
48, 13.629, 177.582

Monochromacy



Original Color
48, 28.603, 144.056

Achromatopsia
45, 0.006, 296.813

Achromatomaly
46, 10.405, 145.524

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 28.603, 144.056 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(82, 124, 85)` looks like.

```
.text, #text, p{  
    color:rgb(82, 124, 85)  
}
```

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(82, 124, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 124, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 28.603, 144.056 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(82, 124, 85) }
```

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

```
.border{ border-color:rgb(82, 124, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 124, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 124, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 124, 85);  
box-shadow:4px 4px 4px 4px rgb(82, 124,  
85) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 28.603, 144.056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 124, 85) }
```

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

```
.background{ background-color: rgb(82, 124,  
85) }
```

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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