

Converting Colors

CIELCh(48, 29.789, 142.130)

Have a look what the booklet for
CIELCh(48, 29.789, 142.130)
contains.

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Color

CIELCh(48, 30.028, 142.127)

Conversions

Conversions Part 1

Format	Color
Hex	527C52
RGB	82, 124, 82
RGB Percent	32%, 49%, 32%
CMY	0.6787, 0.5140, 0.6787
CMYK	0.34, 0.00, 0.34, 0.51
HSL	120°, 20%, 40%
HSV	120°, 34%, 49%
XYZ	12.1913, 16.7945, 10.5672
YIQ	106.6540, -11.5500, -21.9660

Conversions

Conversions Part 2

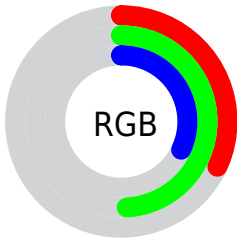
Format	Color
R_{YB}	82, 124, 124
Decimal	5405778
CIE _{Lab}	48.00, -23.70, 18.43
CIE _{LCh}	48, 30.028, 142.127
Yxy	16.7945, 0.3082, 0.4246
Android (android.graphics.Color)	4283595858 (0xFF527C52)
YUV	106.6540, -12.1544, -21.6216
Hunter-Lab	40.9810, -18.6154, 13.3984

Details

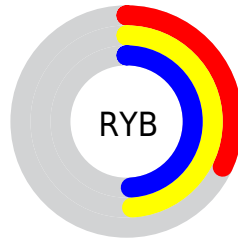
The CIELCh color **48, 30.028, 142.127** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **41, 30.013, 326.194**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 29.992, 142.223**, and **28, 29.947, 142.363** is the 20% darker color. If you saturate the color by 10%, you get **47, 38.581, 141.201**, and if you desaturate by 10%, it is **49, 21.212, 142.942**.

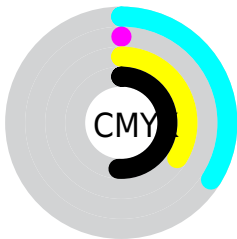
Distribution



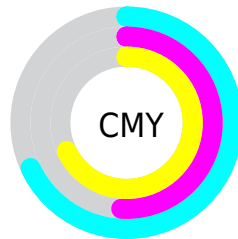
- Red (32%)
- Green (49%)
- Blue (32%)



- Red (32%)
- Yellow (49%)
- Blue (49%)



- Cyan (34%)
- Magenta (0%)
- Yellow (34%)
- Black (51%)





- Cyan (68%)
- Magenta (51%)
- Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 30.028, 142.127 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, 30.028, 142.127 by changing the saturation by 10% instead.


 48, 30.028,
142.127


 48, 30.028,
142.127


 100, 30.028,
142.127


 38, 30.028,
142.127

 68, 30.028,
142.127


 28, 30.028,
142.127

 78, 30.028,
142.127

 18, 30.028,
142.127

 88, 30.028,
142.127

 8, 30.028, 142.127

 98, 30.028,
142.127

 0, 30.028, 142.127

 48, 30.028,

 48, 30.028,

142.127

142.127

■ 47, 38.581,
141.201

■ 49, 21.212,
142.942

■ 46, 46.655,
140.175

■ 50, 12.299,
143.649

■ 46, 53.989,
139.089

■ 51, 3.419, 144.288

■ 45, 60.274,
138.019

■ 53, 5.335, 324.712

■ 45, 65.180,
137.080

■ 54, 13.899,
325.167

■ 45, 68.469,
136.395

■ 56, 22.232,
325.542

■ 45, 70.196,
136.017

■ 58, 30.312,
325.859

■ 59, 38.127,
326.130

■ 61, 45.677,
326.362

Harmonies

Complementary

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



48, 30.028, 142.127



41, 30.013, 326.194

Rectangle

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



48, 30.028, 142.127



48, 30.028, 192.127



48, 30.028, 322.127



48, 30.028, 12.127

Sweetspot

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



48, 30.029, 142.127



64, 10.926, 143.885



51, 24.044, 107.046



34, 7.518, 143.811



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, 30.029, 142.127



60, 44.657, 141.387



48, 20.671, 160.591



25, 4.922, 143.959



45, 70.613, 136.017



87, 118.868, 136.016

Inverse Universe

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



41, 30.013, 326.194



50, 44.565, 326.585



40, 21.509, 346.720



24, 4.930, 324.896



29, 68.128, 328.235



60, 114.683, 328.236

Previews

White Background



This preview shows how the CIELCh color 48, 30.028, 142.127 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 48, 30.028, 142.127 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, 30.028, 142.127

Background



This preview shows how black text looks on a background with the CIELCh color 48, 30.028, 142.127.



This preview shows how white text looks on a background with the CIELCh color 48, 30.028, 142.127.

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, 30.028, 142.127

Protanopia
48, 20.937, 94.838

Deuteranopia
48, 18.242, 69.969



Tritanopia
48, 11.301, 230.162

Trichromacy



Original Color
48, 30.028, 142.127

Protanomaly
48, 22.402, 117.419

Deuteranomaly
47, 17.525, 106.316

Tritanomaly
48, 13.569, 174.825

Monochromacy



Original Color
48, 30.028, 142.127

Achromatopsia
45, 0.006, 296.813

Achromatomaly
46, 10.892, 143.696

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 30.028, 142.127 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, 82)` looks like.

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

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, 82) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 48, 30.028, 142.127 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, 82) }
```

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

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

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, 82)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 48, 30.028, 142.127 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, 82) }
```

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

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

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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