

Converting Colors

CIELCh(48, 26.352, 142.459)

Have a look what the booklet for
CIELCh(48, 26.352, 142.459)
contains.

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Color

CIELCh(48, 26.529, 142.451)

Conversions

Conversions Part 1

Format	Color
Hex	567B56
RGB	86, 123, 86
RGB Percent	34%, 48%, 34%
CMY	0.6630, 0.5179, 0.6630
CMYK	0.30, 0.00, 0.30, 0.52
HSL	120°, 18%, 41%
HSV	120°, 30%, 48%
XYZ	12.5827, 16.7945, 11.3685
YIQ	107.7190, -10.1750, -19.3510

Conversions

Conversions Part 2

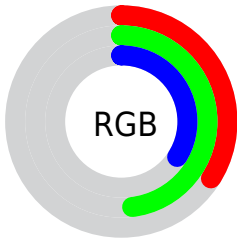
Format	Color
R_{YB}	86, 123, 123
Decimal	5667670
CIE _{Lab}	48.00, -21.03, 16.17
CIE _{LCh}	48, 26.529, 142.451
Yxy	16.7945, 0.3088, 0.4122
Android (android.graphics.Color)	4283857750 (0xFF567B56)
YUV	107.7190, -10.7075, -19.0476
Hunter-Lab	40.9810, -16.9105, 12.2391

Details

The CIELCh color $48, 26.529, 142.451$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $42, 26.529, 326.002$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $68, 26.662, 142.361$, and $28, 26.644, 141.901$ is the 20% darker color. If you saturate the color by 10%, you get $47, 35.149, 141.568$, and if you desaturate by 10%, it is $49, 17.717, 143.223$.

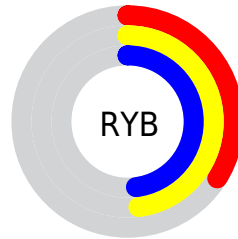
Distribution



Red (34%)

Green (48%)

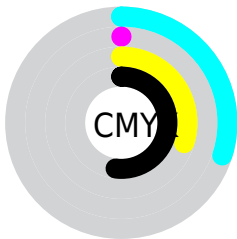
Blue (34%)



Red (34%)

Yellow (48%)

Blue (48%)

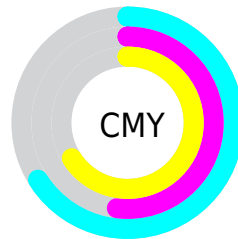


Cyan (30%)

Magenta (0%)

Yellow (30%)

Black (52%)



Cyan (66%)


Magenta (52%)

Yellow (66%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 26.529, 142.451 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, 26.529, 142.451 by changing the saturation by 10% instead.

 48, 26.529,
142.451


 48, 26.529,
142.451


 100, 26.529,
142.451


 38, 26.529,
142.451

 68, 26.529,
142.451


 28, 26.529,
142.451

 78, 26.529,
142.451

 18, 26.529,
142.451

 88, 26.529,
142.451

 8, 26.529, 142.451

 98, 26.529,
142.451

 0, 26.529, 142.451

 48, 26.529,

 48, 26.529,

142.451

142.451

■ 47, 35.149,
141.568

■ 49, 17.717,
143.223

■ 46, 43.380,
140.578

■ 50, 8.863, 143.894

■ 46, 50.982,
139.509

■ 52, 0.079, 146.718

■ 53, 8.552, 324.897

■ 45, 57.665,
138.422

■ 55, 16.977,
325.316

■ 45, 63.105,
137.418

■ 56, 25.162,
325.667

■ 45, 66.993,
136.627

■ 58, 33.091,
325.966

■ 44, 69.792,
136.017

■ 60, 40.755,
326.221

■ 62, 48.159,

Harmonies

Complementary

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



48, 26.529, 142.451



42, 26.529, 326.002

Rectangle

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



48, 26.529, 142.451



48, 26.529, 192.451



48, 26.529, 322.451



48, 26.529, 12.451

Sweetspot

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



48, 26.530, 142.451



65, 9.827, 143.949



51, 21.270, 107.395



34, 6.887, 143.871



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, 26.530, 142.451



61, 39.377, 141.864



48, 18.294, 160.997



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.



42, 26.529, 326.002



52, 39.338, 326.340



41, 18.956, 346.310



24, 4.930, 324.895



29, 68.129, 328.235



60, 114.684, 328.235

Previews

White Background



This preview shows how the CIELCh color 48, 26.529, 142.451 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, 26.529, 142.451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

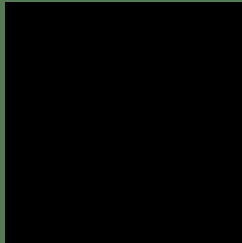
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 26.529, 142.451

Background



This preview shows how black text looks on a background with the CIELCh color 48, 26.529, 142.451.



This preview shows how white text looks on a background with the CIELCh color 48, 26.529, 142.451.

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, 26.529, 142.451

Protanopia

48, 18.579, 95.109

Deuteranopia

48, 16.057, 66.646



Tritanopia
48, 10.472, 229.182

Trichromacy



Original Color
48, 26.529, 142.451

Protanomaly
48, 20.080, 117.565

Deuteranomaly
48, 15.232, 104.783

Tritanomaly
48, 12.634, 176.044

Monochromacy



Original Color
48, 26.529, 142.451

Achromatopsia
46, 0.006, 296.813

Achromatomaly
46, 9.430, 143.810

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 26.529, 142.451 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(86, 123, 86)` looks like.

```
.text, #text, p{  
    color:rgb(86, 123, 86)  
}
```

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(86, 123, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 123, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 26.529, 142.451 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(86, 123, 86) }
```

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

```
.border{ border-color:rgb(86, 123, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 123, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 123, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 123, 86);  
box-shadow:4px 4px 4px 4px rgb(86, 123,  
86) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 26.529, 142.451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 123, 86) }
```

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

```
.background{ background-color: rgb(86, 123,  
86) }
```

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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