

Converting Colors

CIELCh(48, 27.213, 224.779)

Have a look what the booklet for
CIELCh(48, 27.213, 224.779)
contains.

CIELCh(48, 27.282, 225.956)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(48, 27.282, 225.956)

Conversions

Conversions Part 1

Format	Color
Hex	1B7C92
RGB	27, 124, 146
RGB Percent	11%, 49%, 57%
CMY	0.8960, 0.5126, 0.4263
CMYK	0.82, 0.15, 0.00, 0.43
HSL	191°, 69%, 34%
HSV	191°, 82%, 57%
XYZ	12.8913, 16.7945, 29.8712
YIQ	97.5050, -64.8740, -13.7220

Conversions

Conversions Part 2

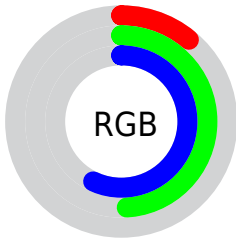
Format	Color
R_{YB}	27, 80, 146
Decimal	1801362
CIE _{Lab}	48.00, -18.97, -19.61
CIE _{LCh}	48, 27.282, 225.956
Y _{xy}	16.7945, 0.2165, 0.2820
Android (android.graphics.Color)	4279991442 (0xFF1B7C92)
YUV	97.5050, 23.9080, -61.8329
Hunter-Lab	40.9810, -15.5665, -14.5299

Details

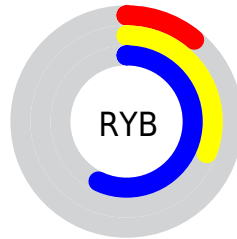
The CIELCh color **48, 27.282, 225.956** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **35, 53.414, 41.436**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 27.263, 225.659**, and **29, 21.304, 234.992** is the 20% darker color. If you saturate the color by 10%, you get **47, 28.256, 228.752**, and if you desaturate by 10%, it is **49, 25.764, 223.705**.

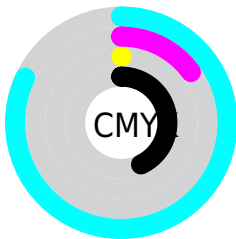
Distribution



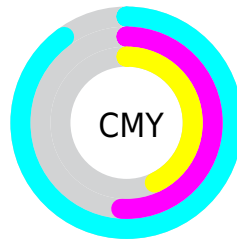
- Red (11%)
- Green (49%)
- Blue (57%)



- Red (11%)
- Yellow (31%)
- Blue (57%)



- Cyan (82%)
- Magenta (15%)
- Yellow (0%)
- Black (43%)




- Cyan (90%)
- Magenta (51%)
- Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 27.282, 225.956 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, 27.282, 225.956 by changing the saturation by 10% instead.

 48, 27.282,
225.956


 48, 27.282,
225.956


 100, 27.282,
225.956


 38, 27.282,
225.956

 68, 27.282,
225.956


 28, 27.282,
225.956

 78, 27.282,
225.956

 18, 27.282,
225.956

 88, 27.282,
225.956

 8, 27.282, 225.956

 98, 27.282,
225.956

 0, 27.282, 225.956

 48, 27.282,

 48, 27.282,

225.956

■ 47, 28.256,
228.752

■ 46, 28.832,
231.281

225.956

■ 49, 25.764,
223.705

■ 50, 23.665,
221.935

■ 52, 20.992,
220.572

■ 53, 17.784,
219.547

■ 55, 14.102,
218.797

■ 57, 10.015,
218.271

■ 58, 5.594, 217.941

■ 60, 0.904, 218.116

Harmonies

Complementary

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



48, 27.282, 225.956



35, 53.414, 41.436

Rectangle

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



48, 27.282, 225.956



48, 27.282, 275.956



48, 27.282, 45.956



48, 27.282, 95.956

Sweetspot

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



48, 27.281, 225.956



72, 14.077, 218.440



53, 66.372, 141.190



37, 9.574, 218.609



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



48, 27.281, 225.956



60, 35.029, 231.433



29, 52.264, 290.723



30, 2.704, 217.891



44, 27.584, 231.067



2, 2.419, 217.624

Inverse Universe

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



35, 62.785, 335.427



44, 80.476, 337.018



48, 48.593, 81.276



29, 5.084, 330.486



31, 63.558, 336.929



1, 4.419, 329.964

Previews

White Background



This preview shows how the CIELCh color 48, 27.282, 225.956 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, 27.282, 225.956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

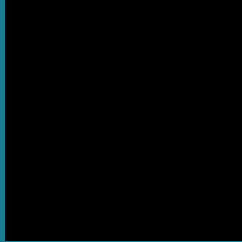
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 27.282, 225.956

Background



This preview shows how black text looks on a background with the CIELCh color 48, 27.282, 225.956.



This preview shows how white text looks on a background with the CIELCh color 48, 27.282, 225.956.

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, 27.192, 226.066

Protanopia

48, 15.389, 286.762

Deuteranopia

48, 21.894, 286.663



Tritanopia
48, 28.223, 208.916

Trichromacy



Original Color
48, 27.192, 226.066

Protanomaly
47, 18.937, 250.398

Deuteranomaly
47, 22.242, 257.610

Tritanomaly
48, 27.696, 215.756

Monochromacy



Original Color
48, 27.192, 226.066

Achromatopsia
42, 0.006, 296.813

Achromatomaly
43, 13.610, 218.897

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 27.282, 225.956 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(27, 124, 146)` looks like.

```
.text, #text, p{  
    color:rgb(27, 124, 146)  
}
```

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(27, 124, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 124, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 27.282, 225.956 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(27, 124, 146) }
```

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

```
.border{ border-color:rgb(27, 124, 146) }
```

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

Here you see how a box with a 4 pixel rgb(27, 124, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 124, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 124, 146);  
box-shadow:4px 4px 4px 4px rgb(27, 124,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 27.282, 225.956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 124, 146) }
```

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

```
.background{ background-color: rgb(27, 124,  
146) }
```

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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