

Converting Colors

CIELCh(48, 28.066, 12.941)

Have a look what the booklet for
CIELCh(48, 28.066, 12.941) contains.

CIELCh(48, 27.821, 13.768)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(48, 27.821, 13.768)

Conversions

Conversions Part 1

Format	Color
Hex	A06068
RGB	160, 96, 104
RGB Percent	63%, 38%, 41%
CMY	0.3732, 0.6241, 0.5927
CMYK	0.00, 0.40, 0.35, 0.37
HSL	352°, 25%, 50%
HSV	352°, 40%, 63%
XYZ	21.1279, 16.7945, 15.1881
YIQ	116.0480, 35.5760, 16.0560

Conversions

Conversions Part 2

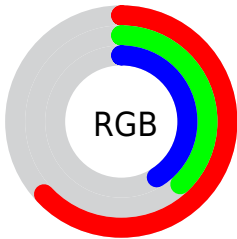
Format	Color
R _Y B	160, 96, 104
Decimal	10510440
CIE Lab	48.00, 27.02, 6.62
CIE LCh	48, 27.821, 13.768
Yxy	16.7945, 0.3978, 0.3162
Android (android.graphics.Color)	4288700520 (0xFFA06068)
YUV	116.0480, -5.9397, 38.5459
Hunter-Lab	40.9810, 20.3093, 6.7131

Details

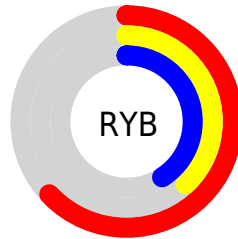
The CIELCh color $48, 27.821, 13.768$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $62, 22.581, 185.845$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $68, 27.861, 13.296$, and $28, 27.695, 13.976$ is the 20% darker color. If you saturate the color by 10%, you get $44, 35.438, 15.702$, and if you desaturate by 10%, it is $52, 20.364, 12.229$.

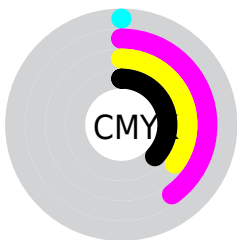
Distribution



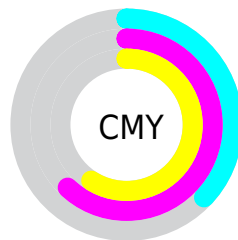
- Red (63%)
- Green (38%)
- Blue (41%)



- Red (63%)
- Yellow (38%)
- Blue (41%)



- Cyan (0%)
- Magenta (40%)
- Yellow (35%)
- Black (37%)



- Cyan (37%)
- Magenta (62%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 27.821, 13.768 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, 27.821, 13.768 by changing the saturation by 10% instead.

■ 48, 27.821, 13.768

■ 48, 27.821, 13.768

■ 100, 27.821,
13.768

■ 38, 27.821, 13.768

■ 68, 27.821, 13.768

■ 28, 27.821, 13.768

■ 78, 27.821, 13.768

■ 18, 27.821, 13.768

■ 88, 27.821, 13.768

■ 8, 27.821, 13.768

■ 98, 27.821, 13.768

■ 0, 27.821, 13.768

■ 48, 27.821, 13.768

■ 48, 27.821, 13.768

■ 44, 35.438, 15.702

■ 52, 20.364, 12.229

■ 41, 43.017, 18.142

■ 57, 13.205, 10.975

38, 50.304, 21.222

61, 6.415, 9.917

35, 57.054, 25.028

66, 0.020, 346.493

34, 63.085, 29.488

71, 5.989, 188.484

33, 68.440, 33.913

75, 11.630,
187.824

80, 16.933,
187.268

85, 21.931,
186.782

90, 26.657,
186.352

Harmonies

Complementary

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



48, 27.821, 13.768



62, 22.581, 185.845

Rectangle

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



48, 27.821, 13.768



48, 27.821, 63.768



48, 27.821, 193.768



48, 27.821, 243.768

Sweetspot

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



48, 27.819, 13.771



76, 9.524, 10.139



49, 42.121, 322.567



40, 6.391, 10.262



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



48, 27.819, 13.771



57, 41.819, 15.460



54, 22.875, 56.442



31, 3.577, 9.838



29, 62.679, 33.405



1, 4.549, 9.643

Inverse Universe

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



48, 27.819, 13.771



57, 41.819, 15.460



55, 18.593, 245.382



31, 3.577, 9.838



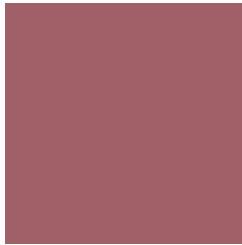
29, 62.679, 33.405



1, 4.549, 9.643

Previews

White Background



This preview shows how the CIELCh color 48, 27.821, 13.768 looks on a white background.

Color Contrast Check

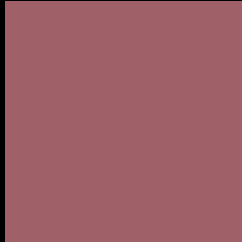
Large Text (above 18pt) WCAG AA ✓ Pass

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, 27.821, 13.768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

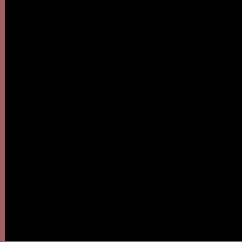
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 27.821, 13.768

Background



This preview shows how black text looks on a background with the CIELCh color 48, 27.821, 13.768.



This preview shows how white text looks on a background with the CIELCh color 48, 27.821, 13.768.

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, 27.821, 13.768

Protanopia

48, 0.813, 19.049

Deuteranopia

48, 10.154, 51.382



Tritanopia
48, 27.835, 14.959

Trichromacy



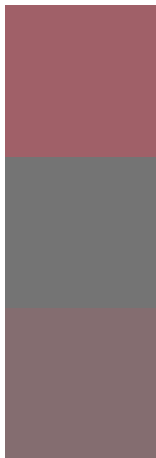
Original Color
48, 27.821, 13.768

Protanomaly
48, 10.627, 11.208

Deuteranomaly
48, 15.735, 27.631

Tritanomaly
48, 27.835, 14.959

Monochromacy



Original Color
48, 27.821, 13.768

Achromatopsia
49, 0.007, 296.813

Achromatomaly
48, 9.750, 10.229

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 27.821, 13.768 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(160, 96, 104)` looks like.

```
.text, #text, p{  
    color:rgb(160, 96, 104)  
}
```

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(160, 96, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 96, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 27.821, 13.768 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(160, 96, 104) }
```

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

```
.border{ border-color:rgb(160, 96, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 96, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 96, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 96, 104);  
box-shadow:4px 4px 4px 4px rgb(160, 96,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 27.821, 13.768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 96, 104) }
```

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

```
.background{ background-color: rgb(160, 96,  
104) }
```

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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