

Converting Colors

CIELCh(48, 43.625, 267.517)

Have a look what the booklet for
CIELCh(48, 43.625, 267.517)
contains.

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Color

CIELCh(48, 43.409, 267.205)

Conversions

Conversions Part 1

Format	Color
Hex	0377BB
RGB	3, 119, 187
RGB Percent	1%, 47%, 73%
CMY	0.9885, 0.5334, 0.2668
CMYK	0.98, 0.36, 0.00, 0.27
HSL	202°, 97%, 37%
HSV	202°, 98%, 73%
XYZ	15.5980, 16.7945, 49.4209
YIQ	92.0680, -90.9640, -3.4440

Conversions

Conversions Part 2

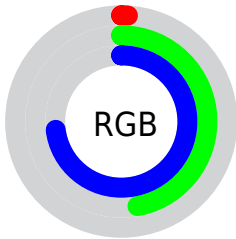
Format	Color
RYB	3, 74, 187
Decimal	227259
CIELab	48.00, -2.12, -43.36
CIELCh	48, 43.409, 267.205
Yxy	16.7945, 0.1907, 0.2053
Android (android.graphics.Color)	4278417339 (0xFF0377BB)
YUV	92.0680, 46.8015, -78.1126
Hunter-Lab	40.9810, -3.7771, -42.8137

Details

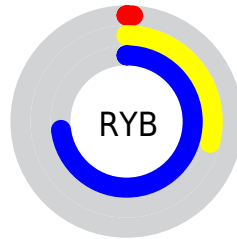
The CIELCh color **48, 43.409, 267.205** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **46, 71.106, 51.358**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 43.501, 267.381**, and **30, 40.546, 279.136** is the 20% darker color. If you saturate the color by 10%, you get **48, 43.946, 267.956**, and if you desaturate by 10%, it is **50, 40.115, 262.263**.

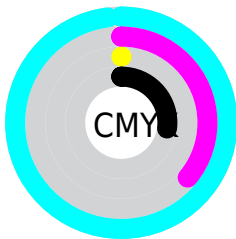
Distribution



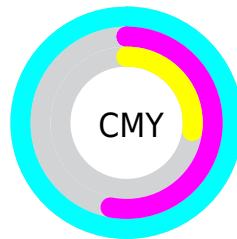
- Red (1%)
- Green (47%)
- Blue (73%)



- Red (1%)
- Yellow (29%)
- Blue (73%)



- Cyan (98%)
- Magenta (36%)
- Yellow (0%)
- Black (27%)





- Cyan (99%)
- Magenta (53%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 43.409, 267.205 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, 43.409, 267.205 by changing the saturation by 10% instead.


 48, 43.409,
267.205


 48, 43.409,
267.205


 100, 43.409,
267.205


 38, 43.409,
267.205

 68, 43.409,
267.205


 28, 43.409,
267.205

 78, 43.409,
267.205

 18, 43.409,
267.205

 88, 43.409,
267.205

 8, 43.409, 267.205

 98, 43.409,
267.205

 0, 43.409, 267.205

 48, 43.409,

 48, 43.409,

267.205

■ 48, 43.946,
267.956

267.205

■ 50, 40.115,
262.263

■ 53, 36.758,
257.735

■ 55, 33.173,
253.810

■ 58, 29.266,
250.504

■ 61, 24.999,
247.772

■ 64, 20.376,
245.538

■ 67, 15.428,
243.724

■ 70, 10.201,
242.259

Harmonies

Complementary

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



48, 43.409, 267.205



46, 71.106, 51.358

Rectangle

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



48, 43.409, 267.205



48, 43.409, 317.205



48, 43.409, 87.205



48, 43.409, 137.205

Sweetspot

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



48, 43.408, 267.206



84, 20.003, 244.067



67, 79.117, 143.664



43, 13.625, 244.821



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



48, 43.408, 267.206



61, 54.001, 268.860



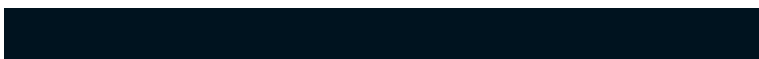
25, 97.574, 304.031



38, 3.210, 241.196



40, 38.469, 267.241



5, 10.179, 255.010

Inverse Universe

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



41, 70.112, 349.948



53, 85.027, 350.841



67, 69.778, 93.568



37, 5.451, 337.879



34, 62.176, 349.962



3, 15.203, 343.863

Previews

White Background



This preview shows how the CIE LCh color 48, 43.409, 267.205 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, 43.409, 267.205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

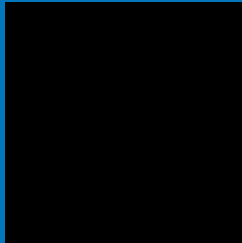
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 43.409, 267.205

Background



This preview shows how black text looks on a background with the CIELCh color 48, 43.409, 267.205.



This preview shows how white text looks on a background with the CIELCh color 48, 43.409, 267.205.

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





Tritanopia
48, 28.740, 207.411

Trichromacy



Original Color
48, 43.409, 267.205

Protanomaly
47, 42.210, 275.575

Deuteranomaly
48, 44.364, 273.610

Tritanomaly
48, 30.090, 235.299

Monochromacy



Original Color
48, 43.409, 267.205

Achromatopsia
39, 0.006, 296.813

Achromatomaly
41, 19.761, 248.962

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 43.409, 267.205 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(3, 119, 187)` looks like.

```
.text, #text, p{  
    color:rgb(3, 119, 187)  
}
```

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(3, 119, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 119, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 43.409, 267.205 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(3, 119, 187) }
```

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

```
.border{ border-color:rgb(3, 119, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 119, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 119, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 119, 187);  
box-shadow:4px 4px 4px 4px rgb(3, 119,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 43.409, 267.205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 119, 187) }
```

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

```
.background{ background-color: rgb(3, 119,  
187) }
```

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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