

Converting Colors

CIELCh(48, 39.598, 92.805)

Have a look what the booklet for
CIELCh(48, 39.598, 92.805) contains.

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Color

CIELCh(48, 39.653, 92.885)

Conversions

Conversions Part 1

Format	Color
Hex	82712C
RGB	130, 113, 44
RGB Percent	51%, 44%, 17%
CMY	0.4894, 0.5561, 0.8268
CMYK	0.00, 0.13, 0.66, 0.49
HSL	48°, 49%, 34%
HSV	48°, 66%, 51%
XYZ	15.6187, 16.7945, 4.8184
YIQ	110.2170, 32.2810, -17.8550

Conversions

Conversions Part 2

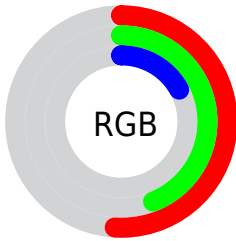
Format	Color
R_{YB}	65, 130, 44
Decimal	8548652
CIE _{Lab}	48.00, -2.00, 39.60
CIE _{LCh}	48, 39.653, 92.885
Yxy	16.7945, 0.4195, 0.4511
Android (android.graphics.Color)	4286738732 (0xFF82712C)
YUV	110.2170, -32.6450, 17.3497
Hunter-Lab	40.9810, -3.6870, 21.7156

Details

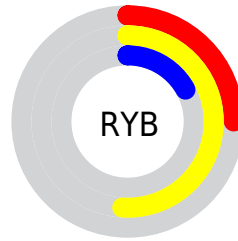
The CIELCh color **48, 39.653, 92.885** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **28, 44.404, 292.411**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 39.795, 93.360**, and **28, 37.202, 92.877** is the 20% darker color. If you saturate the color by 10%, you get **47, 44.575, 91.665**, and if you desaturate by 10%, it is **49, 34.101, 94.093**.

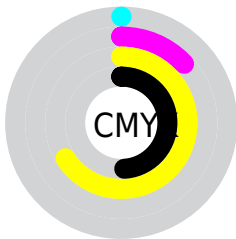
Distribution



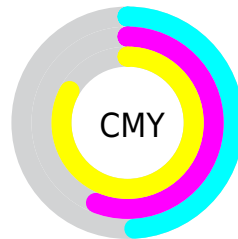
- Red (51%)
- Green (44%)
- Blue (17%)



- Red (25%)
- Yellow (51%)
- Blue (17%)



- Cyan (0%)
- Magenta (13%)
- Yellow (66%)
- Black (49%)



- Cyan (49%)
- Magenta (56%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 39.653, 92.885 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, 39.653, 92.885 by changing the saturation by 10% instead.

48, 39.653, 92.885

48, 39.653, 92.885

100, 39.653,
92.885

38, 39.653, 92.885

68, 39.653, 92.885

28, 39.653, 92.885

78, 39.653, 92.885

18, 39.653, 92.885

88, 39.653, 92.885

8, 39.653, 92.885

98, 39.653, 92.885

0, 39.653, 92.885

48, 39.653, 92.885

48, 39.653, 92.885

47, 44.575, 91.665

49, 34.101, 94.093

46, 48.476, 90.400

50, 28.198, 95.287

■ 46, 51.079, 89.065

■ 51, 22.119, 96.467

■ 45, 52.081, 88.557

■ 52, 15.972, 97.628

■ 53, 9.817, 98.762

■ 54, 3.690, 99.851

■ 55, 2.390, 281.001

■ 56, 8.414, 281.999

■ 57, 14.376,
282.982

Harmonies

Complementary

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



48, 39.653, 92.885



28, 44.404, 292.411

Rectangle

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



48, 39.653, 92.885



48, 39.653, 142.885



48, 39.653, 272.885



48, 39.653, 322.885

Sweetspot

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



48, 39.653, 92.888



66, 15.092, 98.269



32, 39.525, 13.792



34, 10.256, 98.004



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



48, 39.653, 92.888



60, 56.174, 91.077



51, 47.862, 118.509



27, 3.487, 99.524



45, 52.039, 88.559



1, 0.835, 100.534

Inverse Universe

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



28, 44.404, 292.411



31, 66.975, 296.545



26, 55.604, 306.855



26, 3.526, 281.600



17, 69.366, 301.722



0, 0.835, 280.538

Previews

White Background



This preview shows how the CIELCh color 48, 39.653, 92.885 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, 39.653, 92.885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

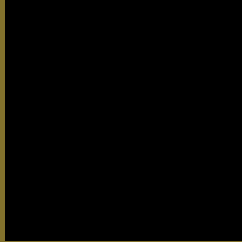
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 39.653, 92.885

Background



This preview shows how black text looks on a background with the CIELCh color 48, 39.653, 92.885.



This preview shows how white text looks on a background with the CIELCh color 48, 39.653, 92.885.

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, 39.653, 92.885

Protanopia

48, 39.700, 95.723

Deuteranopia

48, 39.460, 80.405



Tritanopia
48, 13.295, 0.509

Trichromacy



Original Color

48, 39.653, 92.885

Protanomaly

48, 39.791, 95.038

Deuteranomaly

48, 39.527, 84.908

Tritanomaly

48, 16.376, 65.500

Monochromacy



Original Color

48, 39.653, 92.885

Achromatopsia

46, 0.006, 296.813

Achromatomaly

47, 14.932, 97.874

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 39.653, 92.885 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(130, 113, 44)` looks like.

```
.text, #text, p{  
    color:rgb(130, 113, 44)  
}
```

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(130, 113, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 113, 44) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 39.653, 92.885 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(130, 113, 44) }
```

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

```
.border{ border-color:rgb(130, 113, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 113, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 113, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 113, 44);  
box-shadow:4px 4px 4px 4px rgb(130, 113,  
44) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 39.653, 92.885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 113, 44) }
```

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

```
.background{ background-color: rgb(130,  
113, 44) }
```

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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