

Converting Colors

CIELCh(51, 3.298, 241.019)

Have a look what the booklet for
CIELCh(51, 3.298, 241.019) contains.

CIELCh(51, 3.275, 244.822)	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(51, 3.275, 244.822)

Conversions

Conversions Part 1

Format	Color
Hex	747A7E
RGB	116, 122, 126
RGB Percent	45%, 48%, 49%
CMY	0.5436, 0.5201, 0.5044
CMYK	0.08, 0.03, 0.00, 0.50
HSL	204°, 4%, 48%
HSV	204°, 8%, 50%
XYZ	18.0504, 19.2686, 22.6369
YIQ	120.6620, -4.8600, -0.0280

Conversions

Conversions Part 2

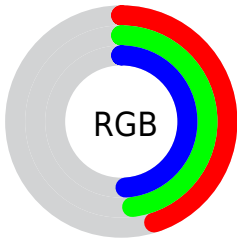
Format	Color
RYB	116, 120, 126
Decimal	7633534
CIELab	51.00, -1.39, -2.96
CIElCh	51, 3.275, 244.822
Yxy	19.2686, 0.3011, 0.3214
Android (android.graphics.Color)	4285823614 (0xFF747A7E)
YUV	120.6620, 2.6316, -4.0886
Hunter-Lab	43.8960, -3.4172, 0.1517

Details

The CIELCh color $51, 3.275, 244.822$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $51, 3.371, 63.010$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 3.483, 251.173$, and $31, 3.276, 250.531$ is the 20% darker color. If you saturate the color by 10%, you get $49, 7.310, 245.982$, and if you desaturate by 10%, it is $53, 0.866, 63.305$.

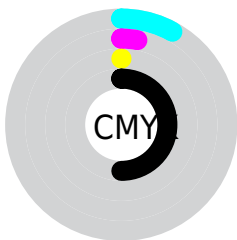
Distribution



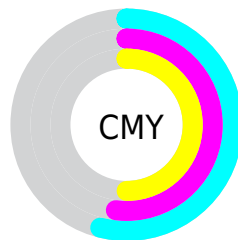
- Red (45%)
- Green (48%)
- Blue (49%)



- Red (45%)
- Yellow (47%)
- Blue (49%)



- Cyan (8%)
- Magenta (3%)
- Yellow (0%)
- Black (50%)



- Cyan (54%)
- Magenta (52%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 3.275, 244.822 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 51, 3.275, 244.822 by changing the saturation by 10% instead.

■ 51, 3.275, 244.822

■ 51, 3.275, 244.822

■ 100, 3.275,
244.822

■ 41, 3.275, 244.822

■ 71, 3.275, 244.822

■ 31, 3.275, 244.822

■ 81, 3.275, 244.822

■ 21, 3.275, 244.822

■ 91, 3.275, 244.822

■ 11, 3.275, 244.822

■ 1, 3.275, 244.822

■ 0, 3.275, 244.822

■ 51, 3.275, 244.822

■ 51, 3.275, 244.822

■ 49, 7.310, 245.982

■ 53, 0.866, 63.305

■ 46, 11.212,

■ 56, 5.086, 62.747

247.462

58, 9.362, 62.049

44, 14.950,
249.263

61, 13.675, 61.445

42, 18.498,
251.446

64, 18.010, 60.924

39, 21.838,
254.080

66, 22.352, 60.475

37, 24.968,
257.225

71, 31.019, 59.743

35, 27.911,
260.920

74, 35.329, 59.441

33, 30.723,
265.156

31, 33.526,
269.664

Harmonies

Complementary

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



51, 3.275, 244.822



51, 3.371, 63.010

Rectangle

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



51, 3.275, 244.822



51, 3.275, 294.822



51, 3.275, 64.822



51, 3.275, 114.822

Sweetspot

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



51, 3.275, 244.798



66, 1.030, 244.445



52, 5.390, 157.343



34, 0.583, 244.459



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



51, 3.275, 244.798



64, 4.581, 244.932



50, 5.194, 285.836



26, 2.345, 244.921



31, 34.375, 270.589



0, 0.000, 0.000

Inverse Universe

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



50, 5.364, 339.144



63, 7.525, 339.247



52, 5.121, 104.168



25, 3.851, 339.239



27, 52.575, 351.831



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 51, 3.275, 244.822 looks on a white 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

Black Background



This preview shows how the CIE LCh color 51, 3.275, 244.822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

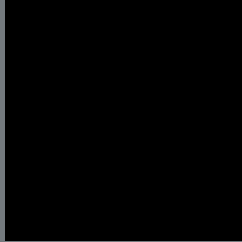
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

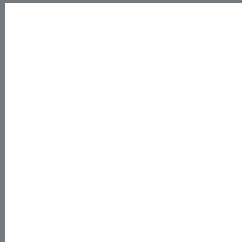
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 51, 3.275, 244.822

Background



This preview shows how black text looks on a background with the CIELCh color 51, 3.275, 244.822.



This preview shows how white text looks on a background with the CIELCh color 51, 3.275, 244.822.

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


51, 3.275, 244.822

Protanopia

51, 2.375, 300.091

Deuteranopia

51, 7.131, 332.883



Tritanopia
51, 5.549, 270.574

Trichromacy



Original Color

51, 3.275, 244.822

Protanomaly

51, 2.450, 271.768

Deuteranomaly

51, 4.561, 316.375

Tritanomaly

51, 4.482, 265.111

Monochromacy



Original Color

51, 3.275, 244.822

Achromatopsia

51, 0.007, 296.813

Achromatomaly

51, 1.318, 225.842

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 3.275, 244.822 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(116, 122, 126)` looks like.

```
.text, #text, p{  
    color:rgb(116, 122, 126)  
}
```

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(116, 122, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 122, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 3.275, 244.822 is called "border". The border property can be set on classes, ids or directly on the HTML element.

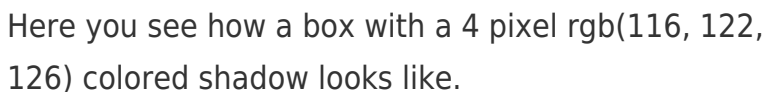
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 122, 126) }
```

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

```
.border{ border-color:rgb(116, 122, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(116, 122, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 122, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 122, 126);  
box-shadow:4px 4px 4px 4px rgb(116, 122,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 3.275, 244.822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 122, 126) }
```

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

```
.background{ background-color: rgb(116,  
122, 126) }
```

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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