

Converting Colors

CIELCh(51, 26.330, 106.178)

Have a look what the booklet for
CIELCh(51, 26.330, 106.178)
contains.

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Color

CIELCh(51, 26.265, 105.777)

Conversions

Conversions Part 1

Format	Color
Hex	7D7C4E
RGB	125, 124, 78
RGB Percent	49%, 49%, 31%
CMY	0.5105, 0.5144, 0.6947
CMYK	0.00, 0.01, 0.38, 0.51
HSL	59°, 23%, 40%
HSV	59°, 38%, 49%
XYZ	16.9889, 19.2686, 10.0021
YIQ	119.0550, 15.3620, -14.0940

Conversions

Conversions Part 2

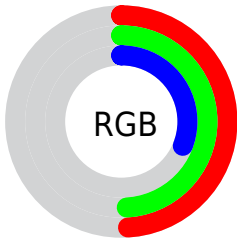
Format	Color
R_{YB}	79, 125, 78
Decimal	8223822
CIE _{Lab}	51.00, -7.14, 25.28
CIE _{LCh}	51, 26.265, 105.777
Yxy	19.2686, 0.3673, 0.4165
Android (android.graphics.Color)	4286413902 (0xFF7D7C4E)
YUV	119.0550, -20.2401, 5.2138
Hunter-Lab	43.8960, -7.7338, 17.2174

Details

The CIELCh color $51, 26.265, 105.777$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $35, 28.662, 294.073$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 25.886, 105.754$, and $31, 26.224, 105.316$ is the 20% darker color. If you saturate the color by 10%, you get $51, 32.891, 104.871$, and if you desaturate by 10%, it is $51, 19.417, 106.718$.

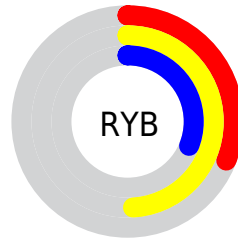
Distribution



Red (49%)

Green (49%)

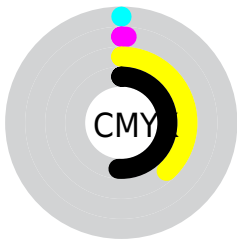
Blue (31%)



Red (31%)

Yellow (49%)

Blue (31%)

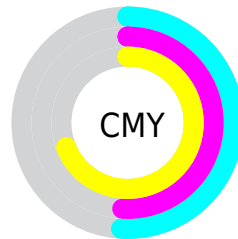


Cyan (0%)

Magenta (1%)

Yellow (38%)

Black (51%)



Cyan (51%)


Magenta (51%)


Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 26.265, 105.777 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, 26.265, 105.777 by changing the saturation by 10% instead.


 51, 26.265,
105.777


 51, 26.265,
105.777


 100, 26.265,
105.777


 41, 26.265,
105.777


 71, 26.265,
105.777

 31, 26.265,
105.777

 81, 26.265,
105.777

 21, 26.265,
105.777

 91, 26.265,
105.777

 11, 26.265,
105.777

 1, 26.265, 105.777

 0, 26.265, 105.777

■ 51, 26.265,
105.777

■ 51, 26.265,
105.777

■ 51, 32.891,
104.871

■ 51, 19.417,
106.718

■ 51, 39.146,
104.012

■ 52, 12.439,
107.666

■ 50, 44.819,
103.233

■ 52, 5.395, 108.606

■ 50, 49.621,
102.565

■ 52, 1.677, 289.576

■ 53, 8.750, 290.458

■ 50, 53.227,
102.040

■ 53, 15.806,
291.333

■ 50, 55.665,
101.647

■ 54, 22.832,
292.173

■ 50, 56.234,
101.557

■ 55, 29.819,
292.977

■ 55, 36.760,
293.741

Harmonies

Complementary

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



51, 26.265, 105.777



35, 28.662, 294.073

Rectangle

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



51, 26.265, 105.777



51, 26.265, 155.777



51, 26.265, 285.777



51, 26.265, 335.777

Sweetspot

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



51, 26.266, 105.780



67, 9.671, 108.267



38, 21.361, 20.218



34, 6.464, 108.167



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, 26.266, 105.780



65, 38.761, 105.008



50, 28.569, 126.173



26, 3.914, 108.475



50, 56.273, 101.556



95, 94.651, 101.485

Inverse Universe

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



35, 28.662, 294.073



42, 43.408, 295.559



37, 30.201, 309.774



23, 3.992, 290.235



13, 77.735, 305.882



32, 131.968, 306.115

Previews

White Background



This preview shows how the CIELCh color 51, 26.265, 105.777 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 CIELCh color 51, 26.265, 105.777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

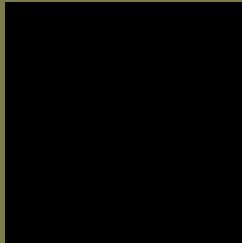
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 26.265, 105.777

Background



This preview shows how black text looks on a background with the CIELCh color 51, 26.265, 105.777.



This preview shows how white text looks on a background with the CIELCh color 51, 26.265, 105.777.

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, 26.265, 105.777

Protanopia

51, 25.773, 95.658

Deuteranopia

51, 25.254, 74.426



Tritanopia
51, 7.407, 335.222

Trichromacy



Original Color
51, 26.265, 105.777

Protanomaly
51, 25.979, 99.780

Deuteranomaly
51, 24.747, 86.632

Tritanomaly
51, 7.421, 78.715

Monochromacy



Original Color
51, 26.265, 105.777

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 9.869, 108.882

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 26.265, 105.777 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(125, 124, 78)` looks like.

```
.text, #text, p{  
    color:rgb(125, 124, 78)  
}
```

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(125, 124, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 124, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 26.265, 105.777 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(125, 124, 78) }
```

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

```
.border{ border-color:rgb(125, 124, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 124, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 124, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 124, 78);  
box-shadow:4px 4px 4px 4px rgb(125, 124,  
78) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 26.265, 105.777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 124, 78) }
```

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

```
.background{ background-color: rgb(125,  
124, 78) }
```

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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