

Converting Colors

CIELCh(51, 23.230, 126.366)

Have a look what the booklet for
CIELCh(51, 23.230, 126.366)
contains.

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Color

CIELCh(51, 23.014, 125.824)

Conversions

Conversions Part 1

Format	Color
Hex	6E7F59
RGB	110, 127, 89
RGB Percent	43%, 50%, 35%
CMY	0.5680, 0.5013, 0.6504
CMYK	0.13, 0.00, 0.30, 0.50
HSL	87°, 18%, 42%
HSV	87°, 30%, 50%
XYZ	15.8692, 19.2686, 12.3670
YIQ	117.5850, 2.0660, -15.4220

Conversions

Conversions Part 2

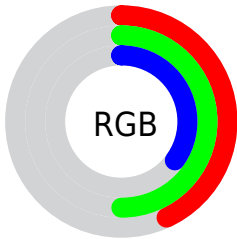
Format	Color
R_{YB}	89, 127, 106
Decimal	7241561
CIE _{Lab}	51.00, -13.47, 18.66
CIE _{LCh}	51, 23.014, 125.824
Yxy	19.2686, 0.3341, 0.4056
Android (android.graphics.Color)	4285431641 (0xFF6E7F59)
YUV	117.5850, -14.0924, -6.6520
Hunter-Lab	43.8960, -12.2869, 14.0232

Details

The CIELCh color $51, 23.014, 125.824$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $41, 24.071, 308.704$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 23.293, 125.828$, and $31, 22.975, 125.611$ is the 20% darker color. If you saturate the color by 10%, you get $50, 30.548, 125.355$, and if you desaturate by 10%, it is $52, 15.350, 126.306$.

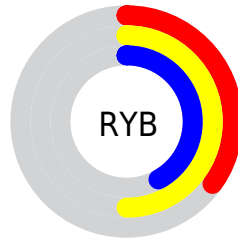
Distribution



Red (43%)

Green (50%)

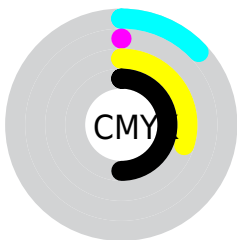
Blue (35%)



Red (35%)

Yellow (50%)

Blue (42%)

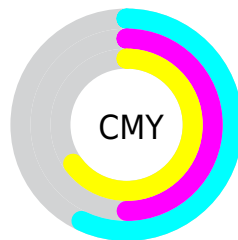


Cyan (13%)

Magenta (0%)

Yellow (30%)

Black (50%)



Cyan (57%)


Magenta (50%)


Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 23.014, 125.824 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, 23.014, 125.824 by changing the saturation by 10% instead.


 51, 23.014,
125.824


 51, 23.014,
125.824


 100, 23.014,
125.824


 41, 23.014,
125.824


 71, 23.014,
125.824

 31, 23.014,
125.824

 81, 23.014,
125.824

 21, 23.014,
125.824

 91, 23.014,
125.824

 11, 23.014,
125.824

 1, 23.014, 125.824

 0, 23.014, 125.824

■ 51, 23.014,
125.824

■ 51, 23.014,
125.824

■ 50, 30.548,
125.355

■ 52, 15.350,
126.306

■ 50, 37.839,
124.924

■ 52, 7.630, 126.778

■ 49, 44.728,
124.585

■ 53, 0.090, 306.416

■ 54, 7.773, 307.620

■ 49, 50.994,
124.410

■ 55, 15.390,
308.008

■ 48, 56.347,
124.500

■ 56, 22.920,
308.360

■ 48, 60.479,
124.968

■ 57, 30.350,
308.680

■ 48, 63.688,
125.666

■ 58, 37.669,
308.969

■ 48, 63.723,

125.672

■ 59, 44.871,
309.230

Harmonies

Complementary

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



51, 23.014, 125.824



41, 24.071, 308.704

Rectangle

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



51, 23.014, 125.824



51, 23.014, 175.824



51, 23.014, 305.824



51, 23.014, 355.824

Sweetspot

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



51, 23.015, 125.826



67, 8.621, 126.810



46, 13.773, 64.695



35, 6.039, 126.752



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



51, 23.015, 125.826



65, 34.309, 125.495



50, 26.518, 140.846



27, 4.356, 126.815



48, 63.847, 125.677



0, 0.000, 0.000

Inverse Universe

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



41, 24.071, 308.704



50, 36.308, 309.104



43, 26.616, 324.076



25, 4.419, 307.612



18, 75.216, 311.117



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 51, 23.014, 125.824 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, 23.014, 125.824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

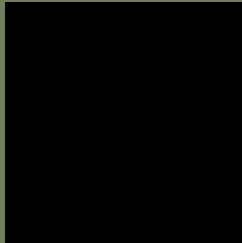
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 23.014, 125.824

Background



This preview shows how black text looks on a background with the CIELCh color 51, 23.014, 125.824.



This preview shows how white text looks on a background with the CIELCh color 51, 23.014, 125.824.

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, 23.014, 125.824

Protanopia

51, 20.139, 94.833

Deuteranopia

51, 19.067, 69.027



Tritanopia
51, 5.684, 266.946

Trichromacy



Original Color
51, 23.014, 125.824

Protanomaly
51, 20.139, 107.546

Deuteranomaly
51, 18.055, 92.255

Tritanomaly
51, 6.186, 150.067

Monochromacy



Original Color
51, 23.014, 125.824

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 7.982, 127.253

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 23.014, 125.824 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(110, 127, 89)` looks like.

```
.text, #text, p{  
    color:rgb(110, 127, 89)  
}
```

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(110, 127, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 127, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 23.014, 125.824 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(110, 127, 89) }
```

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

```
.border{ border-color:rgb(110, 127, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 127, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 127, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 127, 89);  
box-shadow:4px 4px 4px 4px rgb(110, 127,  
89) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 23.014, 125.824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 127, 89) }
```

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

```
.background{ background-color: rgb(110,  
127, 89) }
```

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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