

Converting Colors

CIELCh(51, 24.226, 160.121)

Have a look what the booklet for
CIELCh(51, 24.226, 160.121)
contains.

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Color

CIELCh(51, 24.226, 160.121)

Conversions

Conversions Part 1

Format	Color
Hex	52846B
RGB	82, 132, 107
RGB Percent	32%, 52%, 42%
CMY	0.6794, 0.4834, 0.5814
CMYK	0.38, 0.00, 0.19, 0.48
HSL	150°, 23%, 42%
HSV	150°, 38%, 52%
XYZ	14.3128, 19.2686, 16.8043
YIQ	114.2000, -21.7750, -18.3750

Conversions

Conversions Part 2

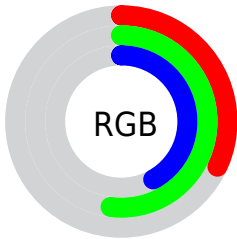
Format	Color
R_{YB}	82, 115, 132
Decimal	5407851
CIE _{Lab}	51.00, -22.78, 8.24
CIE _{LCh}	51, 24.226, 160.121
Yxy	19.2686, 0.2841, 0.3824
Android (android.graphics.Color)	4283597931 (0xFF52846B)
YUV	114.2000, -3.5496, -28.2394
Hunter-Lab	43.8960, -18.6160, 8.0298

Details

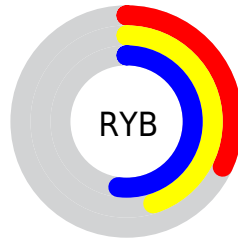
The CIELCh color $51, 24.226, 160.121$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $41, 25.318, 347.212$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $71, 24.237, 160.109$, and $31, 23.949, 160.474$ is the 20% darker color. If you saturate the color by 10%, you get $50, 30.188, 158.904$, and if you desaturate by 10%, it is $52, 18.001, 161.204$.

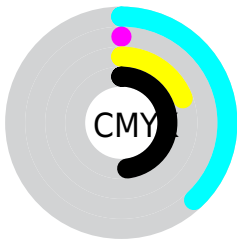
Distribution



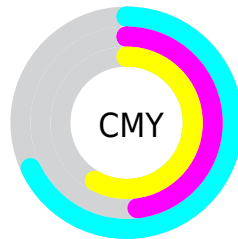
- Red (32%)
- Green (52%)
- Blue (42%)



- Red (32%)
- Yellow (45%)
- Blue (52%)



- Cyan (38%)
- Magenta (0%)
- Yellow (19%)
- Black (48%)





- Cyan (68%)
- Magenta (48%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 24.226, 160.121 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, 24.226, 160.121 by changing the saturation by 10% instead.


 51, 24.226,
160.121


 51, 24.226,
160.121


 100, 24.226,
160.121


 41, 24.226,
160.121


 71, 24.226,
160.121

 31, 24.226,
160.121

 81, 24.226,
160.121

 21, 24.226,
160.121

 91, 24.226,
160.121

 11, 24.226,
160.121

 1, 24.226, 160.121

 0, 24.226, 160.121

■ 51, 24.226,
160.121

■ 51, 24.226,
160.121

■ 50, 30.188,
158.904

■ 52, 18.001,
161.204

■ 50, 35.782,
157.531

■ 53, 11.610,
162.178

■ 49, 40.914,
155.982

■ 54, 5.142, 163.080

■ 49, 45.506,
154.239

■ 55, 1.330, 343.587

■ 57, 7.747, 344.495

■ 48, 49.520,
152.298

■ 58, 14.064,
345.177

■ 48, 53.045,
150.247

■ 60, 20.251,
345.799

■ 48, 53.754,
149.854

■ 61, 26.286,
346.377

■ 63, 32.156,
346.918

Harmonies

Complementary

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



51, 24.226, 160.121



41, 25.318, 347.212

Rectangle

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



51, 24.226, 160.121



51, 24.226, 210.121



51, 24.226, 340.121



51, 24.226, 30.121

Sweetspot

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



51, 24.227, 160.120



68, 8.805, 162.786



52, 30.351, 127.356



36, 5.963, 162.685



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



51, 24.227, 160.120



64, 35.870, 159.021



52, 17.567, 197.650



27, 3.669, 162.974



47, 53.222, 149.886



1, 0.880, 163.663

Inverse Universe

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



41, 25.318, 347.212



49, 37.767, 348.351



40, 22.694, 22.786



26, 3.713, 344.340



27, 51.558, 0.647



0, 0.880, 343.653

Previews

White Background



This preview shows how the CIELCh color 51, 24.226, 160.121 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, 24.226, 160.121 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, 24.226, 160.121

Background



This preview shows how black text looks on a background with the CIELCh color 51, 24.226, 160.121.



This preview shows how white text looks on a background with the CIELCh color 51, 24.226, 160.121.

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, 24.226, 160.121

Protanopia
51, 11.975, 94.149

Deuteranopia
51, 9.408, 45.676



Tritanopia
51, 14.548, 224.568

Trichromacy



Original Color
51, 24.226, 160.121

Protanomaly
51, 14.047, 132.955

Deuteranomaly
50, 7.846, 124.437

Tritanomaly
51, 15.658, 193.499

Monochromacy



Original Color
51, 24.226, 160.121

Achromatopsia
48, 0.006, 296.813

Achromatomaly
49, 8.993, 162.456

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 24.226, 160.121 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(82, 132, 107)` looks like.

```
.text, #text, p{  
    color:rgb(82, 132, 107)  
}
```

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(82, 132, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 132, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 24.226, 160.121 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(82, 132, 107) }
```

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

```
.border{ border-color:rgb(82, 132, 107) }
```

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

Here you see how a box with a 4 pixel rgb(82, 132, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 132, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 132, 107);  
box-shadow:4px 4px 4px 4px rgb(82, 132,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 24.226, 160.121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 132, 107) }
```

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

```
.background{ background-color: rgb(82, 132,  
107) }
```

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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