

Converting Colors

CIELCh(52, 22.081, 153.334)

Have a look what the booklet for
CIELCh(52, 22.081, 153.334)
contains.

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Color

CIELCh(52, 22.352, 152.943)

Conversions

Conversions Part 1

Format	Color
Hex	5D856A
RGB	93, 133, 106
RGB Percent	36%, 52%, 42%
CMY	0.6353, 0.4784, 0.5843
CMYK	0.30, 0.00, 0.20, 0.48
HSL	139°, 18%, 44%
HSV	139°, 30%, 52%
XYZ	15.5046, 20.1443, 16.7079
YIQ	117.9620, -15.1730, -16.8770

Conversions

Conversions Part 2

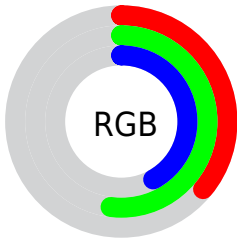
Format	Color
R_{YB}	93, 123, 133
Decimal	6129002
CIE _{Lab}	52.00, -19.91, 10.17
CIE _{LCh}	52, 22.352, 152.943
Yxy	20.1443, 0.2961, 0.3848
Android (android.graphics.Color)	4284319082 (0xFF5D856A)
YUV	117.9620, -5.8973, -21.8917
Hunter-Lab	44.8824, -16.8817, 9.3465

Details

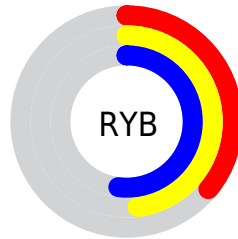
The CIELCh color $52, 22.352, 152.943$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $44, 22.637, 337.469$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 22.360, 152.954$, and $32, 22.097, 153.328$ is the 20% darker color. If you saturate the color by 10%, you get $51, 29.612, 151.914$, and if you desaturate by 10%, it is $53, 14.940, 153.845$.

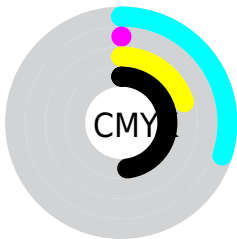
Distribution



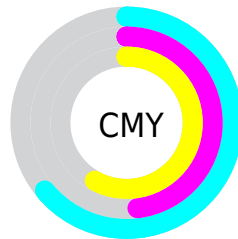
- Red (36%)
- Green (52%)
- Blue (42%)



- Red (36%)
- Yellow (48%)
- Blue (52%)



- Cyan (30%)
- Magenta (0%)
- Yellow (20%)
- Black (48%)




- Cyan (64%)
- Magenta (48%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 22.352, 152.943 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 52, 22.352, 152.943 by changing the saturation by 10% instead.


 52, 22.352,
152.943


 52, 22.352,
152.943


 100, 22.352,
152.943


 42, 22.352,
152.943


 72, 22.352,
152.943

 32, 22.352,
152.943

 82, 22.352,
152.943

 22, 22.352,
152.943

 92, 22.352,
152.943

 12, 22.352,
152.943

 2, 22.352, 152.943

 0, 22.352, 152.943

■ 52, 22.352,
152.943

■ 52, 22.352,
152.943

■ 51, 29.612,
151.914

■ 53, 14.940,
153.845

■ 50, 36.595,
150.739

■ 54, 7.477, 154.648

■ 56, 0.049, 160.514

■ 50, 43.174,
149.398

■ 57, 7.278, 335.889

■ 49, 49.220,
147.880

■ 58, 14.458,
336.457

■ 49, 54.625,
146.186

■ 60, 21.457,
336.958

■ 48, 59.309,
144.339

■ 62, 28.256,
337.409

■ 48, 63.351,
142.540

■ 63, 34.845,
337.820

■ 65, 41.222,
338.196

Harmonies

Complementary

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



52, 22.352, 152.943



44, 22.637, 337.469

Rectangle

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



52, 22.352, 152.943



52, 22.352, 202.943



52, 22.352, 332.943



52, 22.352, 22.943

Sweetspot

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



52, 22.353, 152.943



69, 8.292, 154.715



54, 23.373, 120.786



36, 5.741, 154.618



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



52, 22.353, 152.943



66, 33.117, 152.264



53, 15.561, 181.899



27, 4.173, 154.722



47, 62.261, 142.589



1, 0.997, 155.318

Inverse Universe

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



44, 22.637, 337.469



55, 33.581, 338.023



44, 17.663, 7.708



26, 4.196, 335.890



28, 55.469, 346.052



0, 0.997, 335.310

Previews

White Background



This preview shows how the CIELCh color 52, 22.352, 152.943 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 52, 22.352, 152.943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

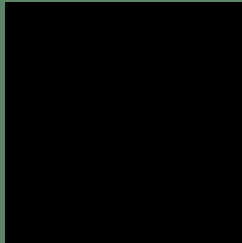
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 22.352, 152.943

Background



This preview shows how black text looks on a background with the CIELCh color 52, 22.352, 152.943.



This preview shows how white text looks on a background with the CIELCh color 52, 22.352, 152.943.

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
52, 22.352, 152.943

Protanopia
52, 13.170, 93.401

Deuteranopia
52, 11.059, 51.597



Tritanopia
52, 12.065, 227.407

Trichromacy



Original Color
52, 22.352, 152.943

Protanomaly
52, 14.472, 125.221

Deuteranomaly
52, 9.250, 108.985

Tritanomaly
52, 12.497, 190.070

Monochromacy



Original Color
52, 22.352, 152.943

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 7.740, 155.912

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 22.352, 152.943 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(93, 133, 106)` looks like.

```
.text, #text, p{  
    color:rgb(93, 133, 106)  
}
```

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(93, 133, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 133, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 22.352, 152.943 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(93, 133, 106) }
```

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

```
.border{ border-color:rgb(93, 133, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 133, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 133, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 133, 106);  
box-shadow:4px 4px 4px 4px rgb(93, 133,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 22.352, 152.943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 133, 106) }
```

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

```
.background{ background-color: rgb(93, 133,  
106) }
```

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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