

Converting Colors

CIELCh(52, 35.487, 250.243)

Have a look what the booklet for
CIELCh(52, 35.487, 250.243)
contains.

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Color

CIELCh(52, 35.548, 250.214)

Conversions

Conversions Part 1

Format	Color
Hex	1085B5
RGB	16, 133, 181
RGB Percent	6%, 52%, 71%
CMY	0.9364, 0.4794, 0.2912
CMYK	0.91, 0.27, 0.00, 0.29
HSL	197°, 84%, 39%
HSV	197°, 91%, 71%
XYZ	16.8839, 20.1443, 46.5725
YIQ	103.4890, -85.1400, -9.8760

Conversions

Conversions Part 2

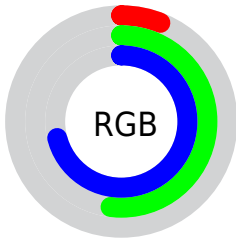
Format	Color
R_{YB}	16, 84, 181
Decimal	1082805
CIE _{Lab}	52.00, -12.03, -33.45
CIE _{LCh}	52, 35.548, 250.214
Yxy	20.1443, 0.2020, 0.2410
Android (android.graphics.Color)	4279272885 (0xFF1085B5)
YUV	103.4890, 38.2129, -76.7279
Hunter-Lab	44.8824, -11.3960, -30.1049

Details

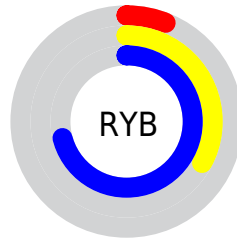
The CIELCh color **52, 35.548, 250.214** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **44, 67.373, 47.706**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **72, 35.529, 250.211**, and **34, 31.081, 262.069** is the 20% darker color. If you saturate the color by 10%, you get **50, 37.305, 254.455**, and if you desaturate by 10%, it is **54, 33.422, 245.905**.

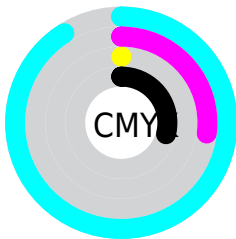
Distribution



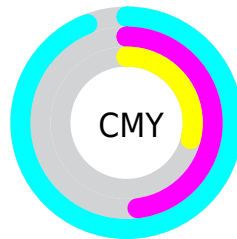
- Red (6%)
- Green (52%)
- Blue (71%)



- Red (6%)
- Yellow (33%)
- Blue (71%)



- Cyan (91%)
- Magenta (27%)
- Yellow (0%)
- Black (29%)





- Cyan (94%)
- Magenta (48%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 35.548, 250.214 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, 35.548, 250.214 by changing the saturation by 10% instead.


 52, 35.548,
250.214


 52, 35.548,
250.214


 100, 35.548,
250.214


 42, 35.548,
250.214


 72, 35.548,
250.214

 32, 35.548,
250.214

 82, 35.548,
250.214

 22, 35.548,
250.214

 92, 35.548,
250.214

 12, 35.548,
250.214

 2, 35.548, 250.214

 0, 35.548, 250.214

■ 52, 35.548,
250.214

■ 52, 35.548,
250.214

■ 50, 37.305,
254.455

■ 54, 33.422,
245.905

■ 56, 30.902,
242.273

■ 58, 27.898,
239.293

■ 60, 24.384,
236.892

■ 63, 20.380,
234.981

■ 65, 15.933,
233.473

■ 68, 11.106,
232.294

■ 71, 5.964, 231.397

Harmonies

Complementary

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



52, 35.548, 250.214



44, 67.373, 47.706

Rectangle

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



52, 35.548, 250.214



52, 35.548, 300.214



52, 35.548, 70.214



52, 35.548, 120.214

Sweetspot

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



52, 35.547, 250.215



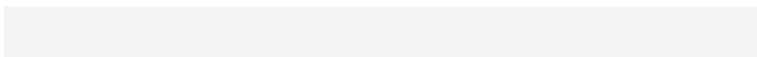
84, 17.321, 233.017



64, 78.427, 142.313



43, 11.547, 233.443



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



52, 35.547, 250.215



64, 45.694, 255.383



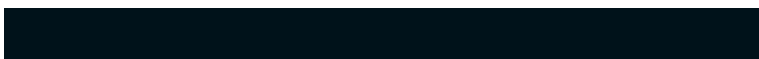
29, 80.711, 299.415



36, 3.043, 231.272



43, 32.806, 253.736



5, 7.569, 243.076

Inverse Universe

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



41, 70.962, 342.677



52, 86.883, 344.597



62, 63.589, 87.864



35, 5.503, 334.540



34, 63.556, 343.968



2, 12.289, 338.333

Previews

White Background



This preview shows how the CIE LCh color 52, 35.548, 250.214 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 52, 35.548, 250.214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

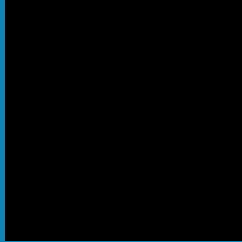
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 35.548, 250.214

Background



This preview shows how black text looks on a background with the CIELCh color 52, 35.548, 250.214.

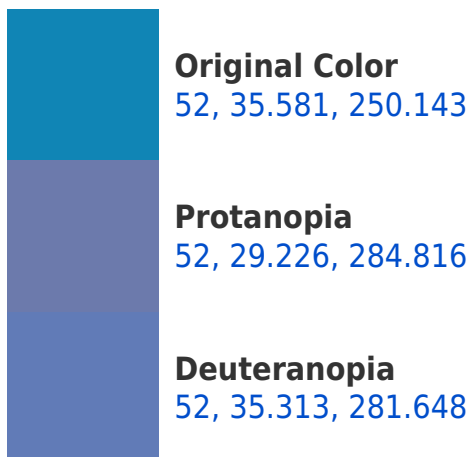


This preview shows how white text looks on a background with the CIELCh color 52, 35.548, 250.214.

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





Tritanopia
52, 30.471, 208.924

Trichromacy



Original Color
52, 35.581, 250.143

Protanomaly
51, 31.239, 265.699

Deuteranomaly
52, 34.780, 266.671

Tritanomaly
52, 30.509, 225.903

Monochromacy



Original Color
52, 35.581, 250.143

Achromatopsia
44, 0.006, 296.813

Achromatomaly
46, 17.237, 234.382

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 35.548, 250.214 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(16, 133, 181)` looks like.

```
.text, #text, p{  
    color:rgb(16, 133, 181)  
}
```

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(16, 133, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 133, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 35.548, 250.214 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(16, 133, 181) }
```

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

```
.border{ border-color:rgb(16, 133, 181) }
```

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

Here you see how a box with a 4 pixel rgb(16, 133, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 133, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 133, 181);  
box-shadow:4px 4px 4px 4px rgb(16, 133,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 35.548, 250.214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 133, 181) }
```

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

```
.background{ background-color: rgb(16, 133,  
181) }
```

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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