

Converting Colors

CIELCh(52, 25.593, 223.578)

Have a look what the booklet for
CIELCh(52, 25.593, 223.578)
contains.

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Color

CIELCh(52, 25.453, 223.367)

Conversions

Conversions Part 1

Format	Color
Hex	348699
RGB	52, 134, 153
RGB Percent	20%, 53%, 60%
CMY	0.7952, 0.4738, 0.3992
CMYK	0.66, 0.12, 0.00, 0.40
HSL	191°, 49%, 40%
HSV	191°, 66%, 60%
XYZ	15.7445, 20.1443, 33.2781
YIQ	111.6480, -54.9710, -11.4750

Conversions

Conversions Part 2

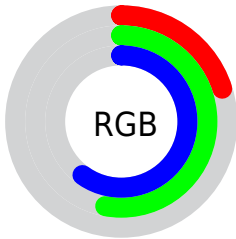
Format	Color
RYB	52, 97, 153
Decimal	3442329
CIELab	52.00, -18.50, -17.48
CIElCh	52, 25.453, 223.367
Yxy	20.1443, 0.2276, 0.2912
Android (android.graphics.Color)	4281632409 (0xFF348699)
YUV	111.6480, 20.3865, -52.3113
Hunter-Lab	44.8824, -15.9274, -12.5429




Details

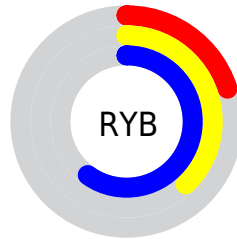
The CIELCh color **52, 25.453, 223.367** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **41, 42.774, 40.003**, and the grayscale version is **47, 0.006, 296.813**.



A 20% lighter version of the original color is **72, 25.445, 223.399**, and **32, 22.219, 228.333** is the 20% darker color. If you saturate the color by 10%, you get **51, 27.381, 225.401**, and if you desaturate by 10%, it is **53, 22.922, 221.783**.

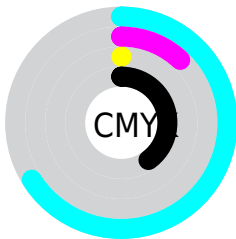
Distribution







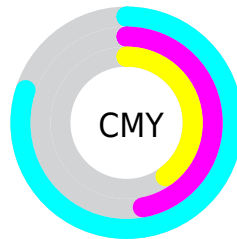
-  Red (20%)
-  Green (53%)
-  Blue (60%)






-  Red (20%)
-  Yellow (38%)
-  Blue (60%)



-  Cyan (66%)
-  Magenta (12%)
-  Yellow (0%)
-  Black (40%)





-  Cyan (80%)
-  Magenta (47%)
-  Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 25.453, 223.367 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, 25.453, 223.367 by changing the saturation by 10% instead.


 52, 25.453,
223.367


 52, 25.453,
223.367


 100, 25.453,
223.367


 42, 25.453,
223.367


 72, 25.453,
223.367

 32, 25.453,
223.367

 82, 25.453,
223.367

 22, 25.453,
223.367

 92, 25.453,
223.367

 12, 25.453,
223.367

 2, 25.453, 223.367

 0, 25.453, 223.367

■ 52, 25.453,
223.367

■ 52, 25.453,
223.367

■ 51, 27.381,
225.401

■ 53, 22.922,
221.783

■ 50, 28.721,
227.962

■ 55, 19.818,
220.577

■ 48, 29.556,
231.080

■ 57, 16.196,
219.680

■ 48, 29.862,
232.403

■ 58, 12.124,
219.035

■ 60, 7.676, 218.598

■ 62, 2.923, 218.390

■ 64, 2.070, 37.840

■ 66, 7.246, 37.908

■ 68, 12.559, 37.920

Harmonies

Complementary

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



52, 25.453, 223.367



41, 42.774, 40.003

Rectangle

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



52, 25.453, 223.367



52, 25.453, 273.367



52, 25.453, 43.367



52, 25.453, 93.367

Sweetspot

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



52, 25.452, 223.366



75, 11.788, 218.770



56, 58.342, 143.558



39, 7.957, 218.886



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



52, 25.452, 223.366



64, 34.062, 226.522



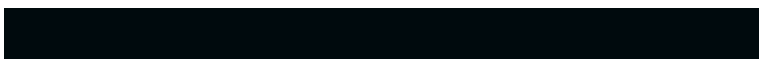
37, 42.858, 285.612



31, 2.774, 218.422



44, 27.987, 232.091



2, 3.045, 219.698

Inverse Universe

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



40, 56.999, 334.438



48, 78.114, 335.560



53, 41.760, 83.762



30, 5.213, 330.645



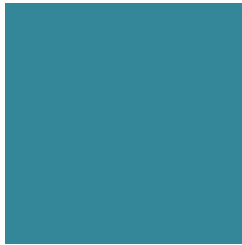
31, 64.185, 337.204



1, 5.546, 330.588

Previews

White Background



This preview shows how the CIELCh color 52, 25.453, 223.367 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, 25.453, 223.367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

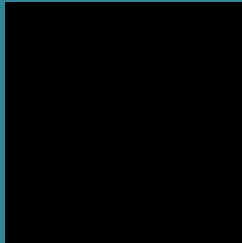
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 25.453, 223.367

Background



This preview shows how black text looks on a background with the CIELCh color 52, 25.453, 223.367.

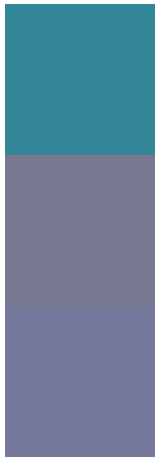


This preview shows how white text looks on a background with the CIELCh color 52, 25.453, 223.367.

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, 25.453, 223.367

Protanopia

52, 13.403, 287.136

Deuteranopia

52, 20.368, 289.733



Tritanopia
52, 25.588, 211.735

Trichromacy



Original Color
52, 25.453, 223.367

Protanomaly
51, 16.298, 250.940

Deuteranomaly
51, 19.537, 259.149

Tritanomaly
52, 25.520, 215.986

Monochromacy



Original Color
52, 25.453, 223.367

Achromatopsia
47, 0.006, 296.813

Achromatomaly
48, 11.581, 219.314

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 25.453, 223.367 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(52, 134, 153)` looks like.

```
.text, #text, p{  
    color:rgb(52, 134, 153)  
}
```

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(52, 134, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 134, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 25.453, 223.367 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(52, 134, 153) }
```

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

```
.border{ border-color:rgb(52, 134, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 134, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 134, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 134, 153);  
box-shadow:4px 4px 4px 4px rgb(52, 134,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 25.453, 223.367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 134, 153) }
```

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

```
.background{ background-color: rgb(52, 134,  
153) }
```

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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