

Converting Colors

CIELCh(52, 7.516, 343.169)

Have a look what the booklet for
CIELCh(52, 7.516, 343.169) contains.

CIELCh(52, 7.610, 342.733)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(52, 7.610, 342.733)

Conversions

Conversions Part 1

Format	Color
Hex	877880
RGB	135, 120, 128
RGB Percent	53%, 47%, 50%
CMY	0.4706, 0.5294, 0.4980
CMYK	0.00, 0.11, 0.05, 0.47
HSL	328°, 6%, 50%
HSV	328°, 11%, 53%
XYZ	20.6063, 20.1443, 23.2261
YIQ	125.3970, 6.3720, 5.6680

Conversions

Conversions Part 2

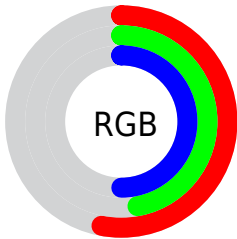
Format	Color
R_{YB}	135, 120, 128
Decimal	8878208
CIE Lab	52.00, 7.27, -2.26
CIE LCh	52, 7.610, 342.733
Yxy	20.1443, 0.3221, 0.3149
Android (android.graphics.Color)	4287068288 (0xFF877880)
YUV	125.3970, 1.2833, 8.4218
Hunter-Lab	44.8824, 3.4082, 0.7359

Details

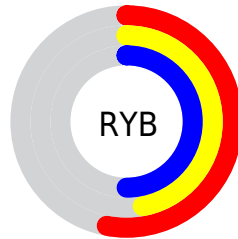
The CIELCh color $52, 7.610, 342.733$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $55, 7.516, 161.063$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 7.775, 341.044$, and $32, 7.207, 342.757$ is the 20% darker color. If you saturate the color by 10%, you get $48, 14.588, 343.621$, and if you desaturate by 10%, it is $56, 0.754, 341.596$.

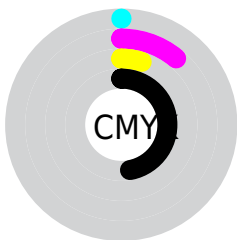
Distribution



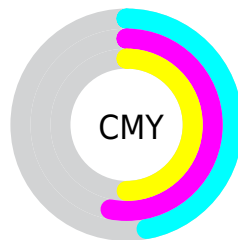
- Red (53%)
- Green (47%)
- Blue (50%)



- Red (53%)
- Yellow (47%)
- Blue (50%)



- Cyan (0%)
- Magenta (11%)
- Yellow (5%)
- Black (47%)



- Cyan (47%)
- Magenta (53%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 7.610, 342.733 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, 7.610, 342.733 by changing the saturation by 10% instead.

■ 52, 7.610, 342.733

■ 52, 7.610, 342.733

■ 100, 7.610,
342.733

■ 42, 7.610, 342.733

■ 72, 7.610, 342.733

■ 32, 7.610, 342.733

■ 82, 7.610, 342.733

■ 22, 7.610, 342.733

■ 92, 7.610, 342.733

■ 12, 7.610, 342.733

■ 2, 7.610, 342.733

■ 0, 7.610, 342.733

■ 52, 7.610, 342.733

■ 52, 7.610, 342.733

■ 48, 14.588,
343.621

■ 56, 0.754, 341.596

■ 60, 5.920, 161.314

45, 21.600,
344.589

64, 12.389,
160.620

41, 28.498,
345.676

68, 18.642,
159.993

38, 35.068,
346.922

72, 24.682,
159.414

35, 41.028,
348.386

76, 30.518,
158.875

33, 46.048,
350.149

80, 36.161,
158.372

31, 49.804,
352.322

84, 41.624,
157.901

29, 52.093,
355.038

88, 46.922,
157.460

28, 53.382,
357.786

Harmonies

Complementary

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



52, 7.610, 342.733



55, 7.516, 161.063

Rectangle

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



52, 7.610, 342.733



52, 7.610, 32.733



52, 7.610, 162.733



52, 7.610, 212.733

Sweetspot

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



52, 7.608, 342.737



70, 2.531, 341.995



51, 9.187, 308.387



37, 1.935, 342.080



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



52, 7.608, 342.737



66, 11.079, 342.925



52, 6.142, 17.344



26, 3.798, 342.565



27, 51.982, 357.637



0, 0.901, 341.899

Inverse Universe

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



52, 7.608, 342.737



66, 11.079, 342.925



55, 5.762, 196.028



26, 3.798, 342.565



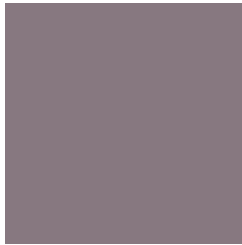
27, 51.982, 357.637



0, 0.901, 341.899

Previews

White Background



This preview shows how the CIELCh color 52, 7.610, 342.733 looks on a white background.

Color Contrast Check

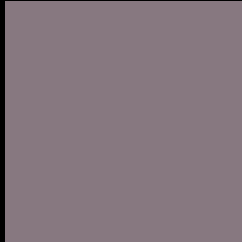
Large Text (above 18pt) WCAG AA ✓ Pass

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, 7.610, 342.733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

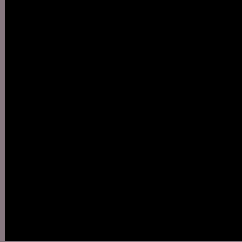
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 7.610, 342.733

Background



This preview shows how black text looks on a background with the CIELCh color 52, 7.610, 342.733.



This preview shows how white text looks on a background with the CIELCh color 52, 7.610, 342.733.

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, 7.610, 342.733

Protanopia

52, 4.157, 301.562

Deuteranopia

52, 7.297, 340.742



Tritanopia
52, 7.969, 339.412

Trichromacy



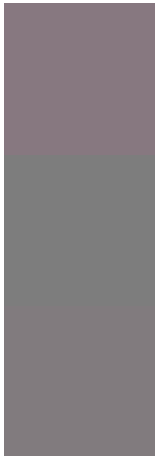
Original Color
52, 7.610, 342.733

Protanomaly
52, 4.949, 324.689

Deuteranomaly
52, 7.297, 340.742

Tritanomaly
52, 7.969, 339.412

Monochromacy



Original Color
52, 7.610, 342.733

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 2.979, 343.918

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 7.610, 342.733 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(135, 120, 128)` looks like.

```
.text, #text, p{  
    color:rgb(135, 120, 128)  
}
```

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(135, 120, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 120, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 7.610, 342.733 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(135, 120, 128) }
```

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

```
.border{ border-color:rgb(135, 120, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 120, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 120, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 120, 128);  
box-shadow:4px 4px 4px 4px rgb(135, 120,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 7.610, 342.733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 120, 128) }
```

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

```
.background{ background-color: rgb(135,  
120, 128) }
```

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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