

Converting Colors

CIELCh(52, 8.464, 264.205)

Have a look what the booklet for
CIELCh(52, 8.464, 264.205) contains.

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Color

CIELCh(52, 8.338, 264.441)

Conversions

Conversions Part 1

Format	Color
Hex	737D8A
RGB	115, 125, 138
RGB Percent	45%, 49%, 54%
CMY	0.5490, 0.5098, 0.4589
CMYK	0.17, 0.09, 0.00, 0.46
HSL	214°, 9%, 50%
HSV	214°, 17%, 54%
XYZ	18.9887, 20.1443, 26.9289
YIQ	123.4920, -10.1330, 1.9230

Conversions

Conversions Part 2

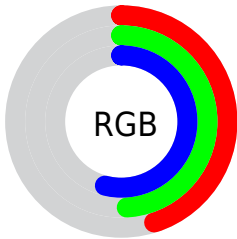
Format	Color
R _Y B	115, 122, 138
Decimal	7568778
CIE Lab	52.00, -0.81, -8.30
CIE LCh	52, 8.338, 264.441
Yxy	20.1443, 0.2874, 0.3049
Android (android.graphics.Color)	4285758858 (0xFF737D8A)
YUV	123.4920, 7.1524, -7.4475
Hunter-Lab	44.8824, -3.0250, -4.1555

Details

The CIELCh color **52, 8.338, 264.441** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **54, 8.547, 80.047**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 8.012, 261.534**, and **32, 8.301, 266.013** is the 20% darker color. If you saturate the color by 10%, you get **49, 13.340, 266.104**, and if you desaturate by 10%, it is **55, 3.335, 263.041**.

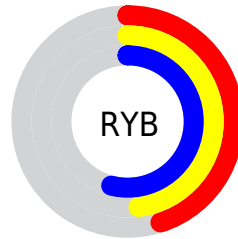
Distribution



Red (45%)

Green (49%)

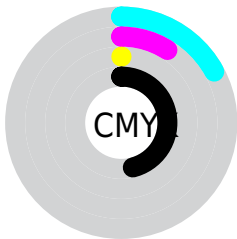
Blue (54%)



Red (45%)

Yellow (48%)

Blue (54%)

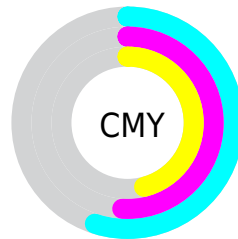


Cyan (17%)

Magenta (9%)

Yellow (0%)

Black (46%)



Cyan (55%)

Magenta (51%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 8.338, 264.441 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, 8.338, 264.441 by changing the saturation by 10% instead.

■ 52, 8.338, 264.441

■ 52, 8.338, 264.441

■ 100, 8.338,
264.441

■ 42, 8.338, 264.441

■ 72, 8.338, 264.441

■ 32, 8.338, 264.441

■ 82, 8.338, 264.441

■ 22, 8.338, 264.441

■ 92, 8.338, 264.441

■ 12, 8.338, 264.441

■ 2, 8.338, 264.441

■ 0, 8.338, 264.441

■ 52, 8.338, 264.441

■ 52, 8.338, 264.441

■ 49, 13.340,
266.104

■ 55, 3.335, 263.041

■ 59, 1.656, 81.590

46, 18.336,
268.070

62, 6.627, 80.634

42, 23.323,
270.378

65, 11.568, 79.723

68, 16.471, 78.919

39, 28.307,
273.071

72, 21.330, 78.209

36, 33.311,
276.177

75, 26.140, 77.577

78, 30.896, 77.013

33, 38.370,
279.688

81, 35.596, 76.505

30, 43.529,
283.540

28, 48.831,
287.532

27, 50.645,
288.756

Harmonies

Complementary

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



52, 8.338, 264.441



54, 8.547, 80.047

Rectangle

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



52, 8.338, 264.441



52, 8.338, 314.441



52, 8.338, 84.441



52, 8.338, 134.441

Sweetspot

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



52, 8.337, 264.434



71, 3.088, 262.858



55, 10.797, 165.023



37, 2.098, 262.927



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, 8.337, 264.434



65, 12.345, 265.030



49, 13.530, 293.754



27, 2.818, 263.358



26, 49.009, 288.586



1, 1.308, 262.134

Inverse Universe

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



51, 10.975, 348.771



63, 16.321, 349.151



57, 13.041, 110.715



27, 3.673, 348.045



27, 51.951, 6.798



0, 1.683, 347.314

Previews

White Background



This preview shows how the CIELCh color 52, 8.338, 264.441 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, 8.338, 264.441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

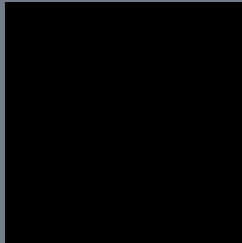
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

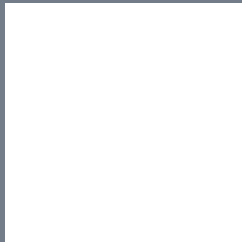
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 8.338, 264.441

Background



This preview shows how black text looks on a background with the CIELCh color 52, 8.338, 264.441.



This preview shows how white text looks on a background with the CIELCh color 52, 8.338, 264.441.

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, 8.338, 264.441

Protanopia

52, 8.140, 288.526

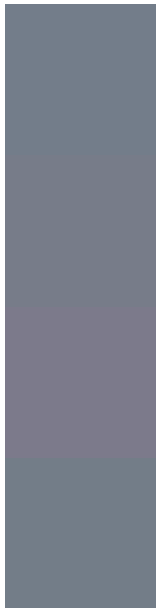
Deuteranopia

52, 10.953, 307.704



Tritanopia
52, 6.853, 257.399

Trichromacy



Original Color
52, 8.338, 264.441

Protanomaly
52, 7.745, 276.982

Deuteranomaly
52, 9.933, 295.802

Tritanomaly
52, 7.336, 260.052

Monochromacy



Original Color
52, 8.338, 264.441

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 2.780, 256.271

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 8.338, 264.441 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(115, 125, 138)` looks like.

```
.text, #text, p{  
    color:rgb(115, 125, 138)  
}
```

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(115, 125, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 125, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 8.338, 264.441 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(115, 125, 138) }
```

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

```
.border{ border-color:rgb(115, 125, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 125, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 125, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 125, 138);  
box-shadow:4px 4px 4px 4px rgb(115, 125,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 8.338, 264.441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 125, 138) }
```

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

```
.background{ background-color: rgb(115,  
125, 138) }
```

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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