

Converting Colors

CIELCh(53, 7.550, 253.291)

Have a look what the booklet for
CIELCh(53, 7.550, 253.291) contains.

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Color

CIELCh(53, 7.692, 255.230)

Conversions

Conversions Part 1

Format	Color
Hex	74808B
RGB	116, 128, 139
RGB Percent	45%, 50%, 55%
CMY	0.5448, 0.4977, 0.4546
CMYK	0.17, 0.08, 0.00, 0.45
HSL	209°, 9%, 50%
HSV	209°, 17%, 55%
XYZ	19.6107, 21.0462, 27.4882
YIQ	125.6660, -10.6830, 0.8770

Conversions

Conversions Part 2

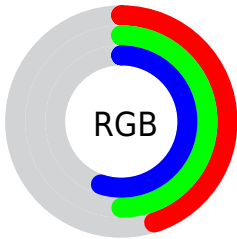
Format	Color
R_{YB}	116, 124, 139
Decimal	7635083
CIE Lab	53.00, -1.96, -7.44
CIE LCh	53, 7.692, 255.230
Yxy	21.0462, 0.2878, 0.3088
Android (android.graphics.Color)	4285825163 (0xFF74808B)
YUV	125.6660, 6.5737, -8.4771
Hunter-Lab	45.8761, -3.9797, -3.4123

Details

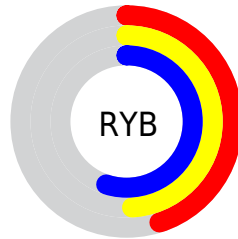
The CIELCh color $53, 7.692, 255.230$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $54, 8.059, 71.075$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 7.474, 252.411$, and $33, 7.554, 255.912$ is the 20% darker color. If you saturate the color by 10%, you get $50, 12.245, 256.843$, and if you desaturate by 10%, it is $56, 3.062, 253.900$.

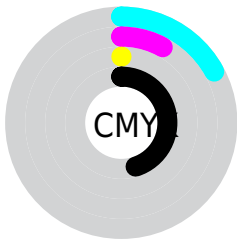
Distribution



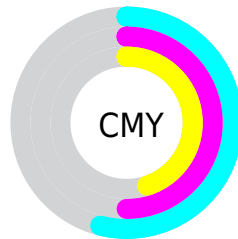
- Red (45%)
- Green (50%)
- Blue (55%)



- Red (45%)
- Yellow (49%)
- Blue (55%)



- Cyan (17%)
- Magenta (8%)
- Yellow (0%)
- Black (45%)



- Cyan (54%)
- Magenta (50%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 7.692, 255.230 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 53, 7.692, 255.230 by changing the saturation by 10% instead.

■ 53, 7.692, 255.230

■ 53, 7.692, 255.230

■ 100, 7.692,
255.230

■ 43, 7.692, 255.230

■ 73, 7.692, 255.230

■ 33, 7.692, 255.230

■ 83, 7.692, 255.230

■ 23, 7.692, 255.230

■ 93, 7.692, 255.230

■ 13, 7.692, 255.230

■ 3, 7.692, 255.230

■ 0, 7.692, 255.230

■ 53, 7.692, 255.230

■ 53, 7.692, 255.230

■ 50, 12.245,
256.843

■ 56, 3.062, 253.900

■ 59, 1.621, 72.452

47, 16.704,
258.780

62, 6.340, 71.590

44, 21.051,
261.088

65, 11.077, 70.753

42, 25.281,
263.822

68, 15.818, 70.019

39, 29.403,
267.028

71, 20.550, 69.377

36, 33.452,
270.719

74, 25.264, 68.812

34, 37.487,
274.857

77, 29.952, 68.312

32, 41.595,
279.253

80, 34.608, 67.866

31, 43.069,
280.674

Harmonies

Complementary

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



53, 7.692, 255.230



54, 8.059, 71.075

Rectangle

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



53, 7.692, 255.230



53, 7.692, 305.230



53, 7.692, 75.230



53, 7.692, 125.230

Sweetspot

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



53, 7.691, 255.221



72, 2.908, 253.747



56, 11.470, 160.575



38, 1.999, 253.811



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



53, 7.691, 255.221



66, 11.502, 255.818



50, 13.031, 290.606



28, 2.617, 254.210



29, 41.426, 280.444



1, 1.222, 253.029

Inverse Universe

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



51, 11.580, 343.822



64, 17.426, 344.178



57, 12.594, 107.229



27, 3.889, 343.170



28, 52.538, 358.741



0, 1.787, 342.491

Previews

White Background



This preview shows how the CIELCh color 53, 7.692, 255.230 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 53, 7.692, 255.230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

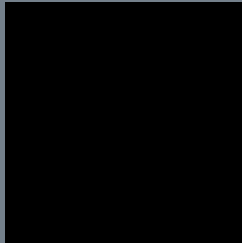
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

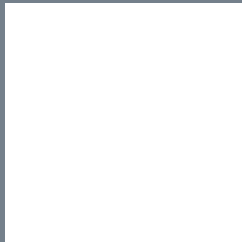
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 7.692, 255.230

Background



This preview shows how black text looks on a background with the CIELCh color 53, 7.692, 255.230.



This preview shows how white text looks on a background with the CIELCh color 53, 7.692, 255.230.

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

53, 7.692, 255.230

Protanopia

53, 6.373, 287.527

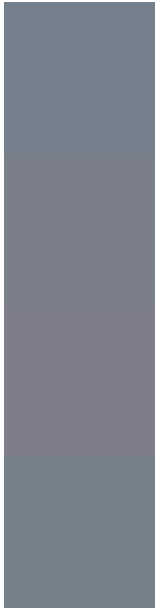
Deuteranopia

53, 10.491, 310.598



Tritanopia
53, 7.241, 252.397

Trichromacy



Original Color
53, 7.692, 255.230

Protanomaly
53, 6.602, 274.248

Deuteranomaly
53, 8.707, 293.760

Tritanomaly
53, 7.241, 252.397

Monochromacy



Original Color
53, 7.692, 255.230

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 2.997, 250.056

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 7.692, 255.230 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(116, 128, 139)` looks like.

```
.text, #text, p{  
    color:rgb(116, 128, 139)  
}
```

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(116, 128, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 128, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 7.692, 255.230 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(116, 128, 139) }
```

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

```
.border{ border-color:rgb(116, 128, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 128, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 128, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 128, 139); box-shadow:4px 4px 4px 4px rgb(116, 128, 139) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 7.692, 255.230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 128, 139) }
```

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

```
.background{ background-color: rgb(116,  
128, 139) }
```

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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