

Converting Colors

CIELCh(53, 9.648, 263.542)

Have a look what the booklet for
CIELCh(53, 9.648, 263.542) contains.

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Color

CIELCh(53, 9.630, 263.846)

Conversions

Conversions Part 1

Format	Color
Hex	74808F
RGB	116, 128, 143
RGB Percent	45%, 50%, 56%
CMY	0.5460, 0.4990, 0.4402
CMYK	0.19, 0.11, 0.00, 0.44
HSL	213°, 11%, 51%
HSV	213°, 19%, 56%
XYZ	19.7962, 21.0462, 28.9058
YIQ	126.1220, -11.9670, 2.1210

Conversions

Conversions Part 2

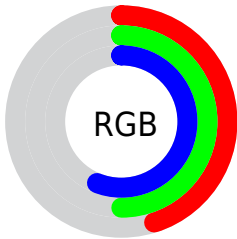
Format	Color
R_{YB}	116, 124, 143
Decimal	7635087
CIE _{Lab}	53.00, -1.03, -9.57
CIE _{LCh}	53, 9.630, 263.846
Yxy	21.0462, 0.2838, 0.3017
Android (android.graphics.Color)	4285825167 (0xFF74808F)
YUV	126.1220, 8.3209, -8.8770
Hunter-Lab	45.8761, -3.2580, -5.2444

Details

The CIELCh color **53, 9.630, 263.846** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **55, 9.938, 78.814**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 9.716, 262.877**, and **33, 9.825, 263.449** is the 20% darker color. If you saturate the color by 10%, you get **50, 14.708, 265.581**, and if you desaturate by 10%, it is **56, 4.540, 262.377**.

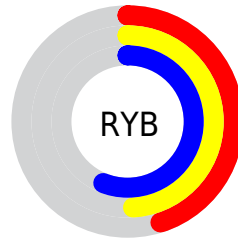
Distribution



Red (45%)

Green (50%)

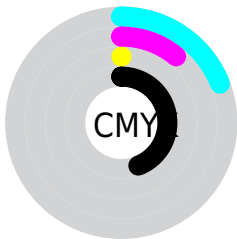
Blue (56%)



Red (45%)

Yellow (49%)

Blue (56%)

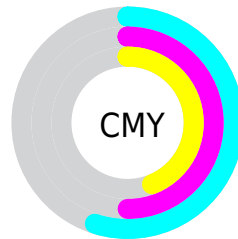


Cyan (19%)

Magenta (11%)

Yellow (0%)

Black (44%)



Cyan (55%)

Magenta (50%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 9.630, 263.846 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, 9.630, 263.846 by changing the saturation by 10% instead.

■ 53, 9.630, 263.846

■ 53, 9.630, 263.846

■ 100, 9.630,
263.846

■ 43, 9.630, 263.846

■ 73, 9.630, 263.846

■ 33, 9.630, 263.846

■ 83, 9.630, 263.846

■ 23, 9.630, 263.846

■ 93, 9.630, 263.846

■ 13, 9.630, 263.846

■ 3, 9.630, 263.846

■ 0, 9.630, 263.846

■ 53, 9.630, 263.846

■ 53, 9.630, 263.846

■ 50, 14.708,
265.581

■ 56, 4.540, 262.377

■ 60, 0.549, 80.583

46, 19.769,
267.633

63, 5.626, 79.898

43, 24.809,
270.044

66, 10.679, 78.966

40, 29.838,
272.855

70, 15.700, 78.141

37, 34.880,
276.091

73, 20.682, 77.413

34, 39.978,
279.734

76, 25.617, 76.768

31, 45.180,
283.703

80, 30.501, 76.193

29, 50.541,
287.704

83, 35.331, 75.676

28, 51.140,
288.105

Harmonies

Complementary

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



53, 9.630, 263.846



55, 9.938, 78.814

Rectangle

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



53, 9.630, 263.846



53, 9.630, 313.846



53, 9.630, 83.846



53, 9.630, 133.846

Sweetspot

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



53, 9.629, 263.840



73, 3.799, 262.027



57, 12.583, 164.803



38, 2.539, 262.095



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



53, 9.629, 263.840



66, 14.540, 264.602



50, 15.853, 294.009



28, 2.878, 262.413



27, 48.890, 287.873



1, 1.945, 261.182

Inverse Universe

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



52, 12.911, 348.421



64, 19.594, 348.895



59, 15.200, 110.516



28, 3.810, 347.479



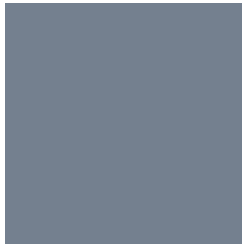
28, 52.676, 5.979



1, 2.541, 346.748

Previews

White Background



This preview shows how the CIELCh color 53, 9.630, 263.846 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, 9.630, 263.846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

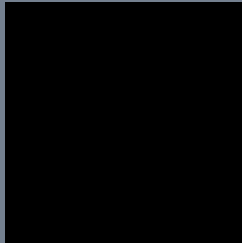
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

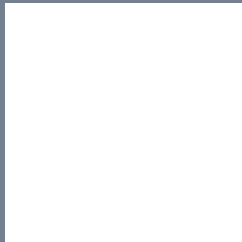
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 9.630, 263.846

Background



This preview shows how black text looks on a background with the CIELCh color 53, 9.630, 263.846.



This preview shows how white text looks on a background with the CIELCh color 53, 9.630, 263.846.

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, 9.630, 263.846

Protanopia

53, 9.273, 289.000

Deuteranopia

53, 12.507, 303.864



Tritanopia
53, 7.901, 253.034

Trichromacy



Original Color
53, 9.630, 263.846

Protanomaly
53, 9.410, 279.865

Deuteranomaly
53, 11.007, 291.540

Tritanomaly
53, 8.354, 255.625

Monochromacy



Original Color
53, 9.630, 263.846

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 3.453, 256.428

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 9.630, 263.846 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, 143)` looks like.

```
.text, #text, p{  
    color:rgb(116, 128, 143)  
}
```

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, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 128, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 9.630, 263.846 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, 143) }
```

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

```
.border{ border-color:rgb(116, 128, 143) }
```

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, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 128, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 128, 143);  
box-shadow:4px 4px 4px 4px rgb(116, 128,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 9.630, 263.846 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, 143) }
```

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

```
.background{ background-color: rgb(116,  
128, 143) }
```

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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