

Converting Colors

CIELCh(53, 8.367, 260.907)

Have a look what the booklet for
CIELCh(53, 8.367, 260.907) contains.

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Color

CIELCh(53, 8.467, 262.151)

Conversions

Conversions Part 1

Format	Color
Hex	75808D
RGB	117, 128, 141
RGB Percent	46%, 50%, 55%
CMY	0.5422, 0.4991, 0.4481
CMYK	0.17, 0.09, 0.00, 0.45
HSL	212°, 10%, 50%
HSV	212°, 17%, 55%
XYZ	19.7714, 21.0462, 28.1125
YIQ	126.1930, -10.7290, 1.7110

Conversions

Conversions Part 2

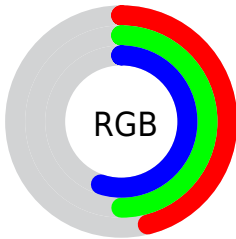
Format	Color
R_{YB}	117, 125, 141
Decimal	7700621
CIE Lab	53.00, -1.16, -8.39
CIE LCh	53, 8.467, 262.151
Yxy	21.0462, 0.2868, 0.3053
Android (android.graphics.Color)	4285890701 (0xFF75808D)
YUV	126.1930, 7.2999, -8.0623
Hunter-Lab	45.8761, -3.3546, -4.2191

Details

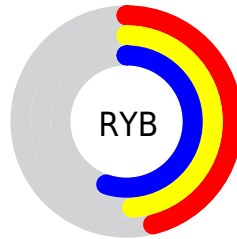
The CIELCh color **53, 8.467, 262.151** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **55, 8.737, 77.665**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 8.619, 261.323**, and **33, 8.585, 261.233** is the 20% darker color. If you saturate the color by 10%, you get **50, 13.405, 263.827**, and if you desaturate by 10%, it is **56, 3.507, 260.743**.

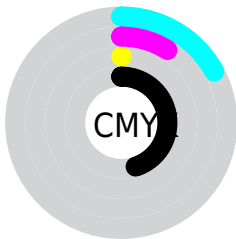
Distribution



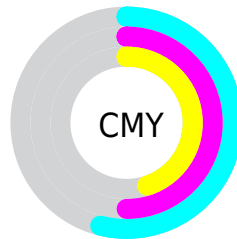
- Red (46%)
- Green (50%)
- Blue (55%)



- Red (46%)
- Yellow (49%)
- Blue (55%)



- Cyan (17%)
- Magenta (9%)
- Yellow (0%)
- Black (45%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 8.467, 262.151 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, 8.467, 262.151 by changing the saturation by 10% instead.

■ 53, 8.467, 262.151

■ 53, 8.467, 262.151

■ 100, 8.467,
262.151

■ 43, 8.467, 262.151

■ 73, 8.467, 262.151

■ 33, 8.467, 262.151

■ 83, 8.467, 262.151

■ 23, 8.467, 262.151

■ 93, 8.467, 262.151

■ 13, 8.467, 262.151

■ 3, 8.467, 262.151

■ 0, 8.467, 262.151

■ 53, 8.467, 262.151

■ 53, 8.467, 262.151

■ 50, 13.405,
263.827

■ 56, 3.507, 260.743

■ 59, 1.460, 79.256

47, 18.312,
265.816

63, 6.421, 78.329

43, 23.182,
268.158

66, 11.367, 77.425

40, 28.019,
270.900

69, 16.286, 76.627

37, 32.844,
274.072

73, 21.170, 75.924

35, 37.695,
277.671

76, 26.014, 75.300

79, 30.810, 74.743

32, 42.624,
281.632

82, 35.557, 74.244

29, 47.690,
285.744

28, 49.227,
286.864

Harmonies

Complementary

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



53, 8.467, 262.151



55, 8.737, 77.665

Rectangle

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



53, 8.467, 262.151



53, 8.467, 312.151



53, 8.467, 82.151



53, 8.467, 132.151

Sweetspot

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



53, 8.466, 262.144



73, 3.093, 260.516



56, 11.361, 164.049



38, 2.102, 260.585



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, 8.466, 262.144



67, 12.331, 262.682



50, 14.071, 293.195



28, 2.841, 261.016



27, 47.619, 286.688



1, 1.922, 259.788

Inverse Universe

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



52, 11.581, 347.415



65, 16.938, 347.750



58, 13.549, 109.981



28, 3.844, 346.671



28, 52.708, 4.669



1, 2.565, 345.948

Previews

White Background



This preview shows how the CIELCh color 53, 8.467, 262.151 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, 8.467, 262.151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

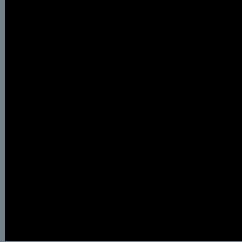
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

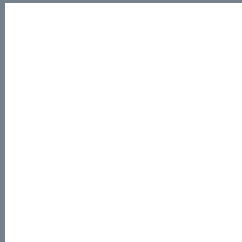
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 8.467, 262.151

Background



This preview shows how black text looks on a background with the CIELCh color 53, 8.467, 262.151.

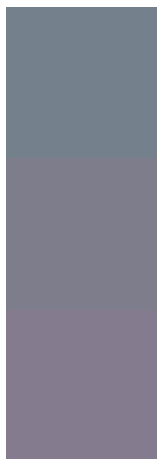


This preview shows how white text looks on a background with the CIELCh color 53, 8.467, 262.151.

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, 8.467, 262.151

Protanopia

53, 8.114, 291.190

Deuteranopia

53, 11.586, 308.744



Tritanopia
53, 7.241, 252.397

Trichromacy



Original Color
53, 8.467, 262.151

Protanomaly
53, 8.215, 280.601

Deuteranomaly
53, 9.863, 293.591

Tritanomaly
53, 7.692, 255.230

Monochromacy



Original Color
53, 8.467, 262.151

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 2.769, 256.256

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 8.467, 262.151 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(117, 128, 141)` looks like.

```
.text, #text, p{  
    color:rgb(117, 128, 141)  
}
```

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(117, 128, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 128, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 8.467, 262.151 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(117, 128, 141) }
```

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

```
.border{ border-color:rgb(117, 128, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 128, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 128, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 128, 141);  
box-shadow:4px 4px 4px 4px rgb(117, 128,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 8.467, 262.151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 128, 141) }
```

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

```
.background{ background-color: rgb(117,  
128, 141) }
```

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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