

Converting Colors

CIELCh(53, 6.688, 256.913)

Have a look what the booklet for
CIELCh(53, 6.688, 256.913) contains.

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Color

CIELCh(53, 6.826, 257.356)

Conversions

Conversions Part 1

Format	Color
Hex	76808A
RGB	118, 128, 138
RGB Percent	46%, 50%, 54%
CMY	0.5381, 0.4989, 0.4597
CMYK	0.15, 0.07, 0.00, 0.46
HSL	210°, 8%, 50%
HSV	210°, 15%, 54%
XYZ	19.7038, 21.0462, 26.9841
YIQ	126.1500, -9.1700, 0.9900

Conversions

Conversions Part 2

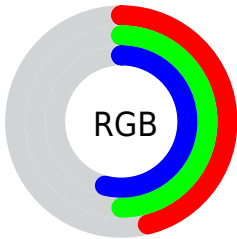
Format	Color
R_{YB}	118, 125, 138
Decimal	7766154
CIE _{Lab}	53.00, -1.49, -6.66
CIE _{LCh}	53, 6.826, 257.356
Yxy	21.0462, 0.2909, 0.3107
Android (android.graphics.Color)	4285956234 (0xFF76808A)
YUV	126.1500, 5.8421, -7.1475
Hunter-Lab	45.8761, -3.6175, -2.7608

Details

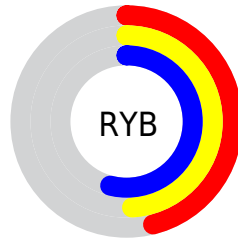
The CIELCh color $53, 6.826, 257.356$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $54, 7.071, 73.653$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 6.639, 254.257$, and $33, 6.845, 255.311$ is the 20% darker color. If you saturate the color by 10%, you get $50, 11.464, 258.930$, and if you desaturate by 10%, it is $56, 2.134, 256.079$.

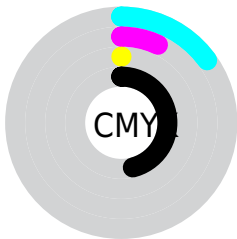
Distribution



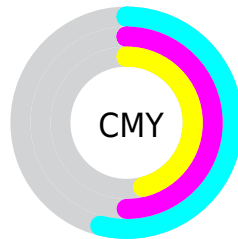
- Red (46%)
- Green (50%)
- Blue (54%)



- Red (46%)
- Yellow (49%)
- Blue (54%)



- Cyan (15%)
- Magenta (7%)
- Yellow (0%)
- Black (46%)



- Cyan (54%)
- Magenta (50%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 6.826, 257.356 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, 6.826, 257.356 by changing the saturation by 10% instead.

■ 53, 6.826, 257.356

■ 53, 6.826, 257.356

■ 100, 6.826,
257.356

■ 43, 6.826, 257.356

■ 73, 6.826, 257.356

■ 33, 6.826, 257.356

■ 83, 6.826, 257.356

■ 23, 6.826, 257.356

■ 93, 6.826, 257.356

■ 13, 6.826, 257.356

■ 3, 6.826, 257.356

■ 0, 6.826, 257.356

■ 53, 6.826, 257.356

■ 53, 6.826, 257.356

■ 50, 11.464,
258.930

■ 56, 2.134, 256.079

■ 59, 2.591, 74.684

47, 16.034,
260.817

62, 7.335, 73.762

44, 20.521,
263.056

65, 12.083, 72.921

41, 24.920,
265.700

68, 16.821, 72.182

38, 29.241,
268.794

71, 21.541, 71.533

74, 26.234, 70.960

36, 33.513,
272.354

77, 30.893, 70.449

80, 35.513, 69.992

33, 37.791,
276.347

31, 42.143,
280.649

30, 44.616,
282.879

Harmonies

Complementary

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



53, 6.826, 257.356



54, 7.071, 73.653

Rectangle

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



53, 6.826, 257.356



53, 6.826, 307.356



53, 6.826, 77.356



53, 6.826, 127.356

Sweetspot

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



53, 6.825, 257.346



71, 2.339, 256.040



56, 9.865, 161.610



37, 1.655, 256.104



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



53, 6.825, 257.346



66, 9.863, 257.769



50, 11.503, 291.034



28, 2.660, 256.615



28, 43.241, 282.699



1, 1.240, 255.414

Inverse Universe

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



52, 9.921, 344.814



64, 14.399, 345.076



57, 11.152, 108.136



27, 3.833, 344.333



28, 52.279, 0.712



0, 1.760, 343.641

Previews

White Background



This preview shows how the CIELCh color 53, 6.826, 257.356 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 53, 6.826, 257.356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

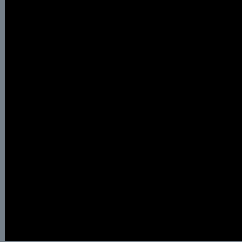
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

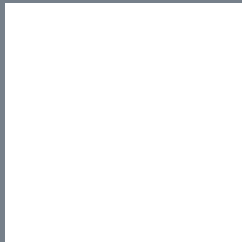
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 6.826, 257.356

Background



This preview shows how black text looks on a background with the CIELCh color 53, 6.826, 257.356.



This preview shows how white text looks on a background with the CIELCh color 53, 6.826, 257.356.

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

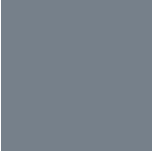
53, 6.826, 257.356

Protanopia

53, 5.790, 290.903

Deuteranopia

53, 10.091, 313.766



Tritanopia
53, 6.826, 257.356

Trichromacy



Original Color
53, 6.826, 257.356

Protanomaly
53, 5.953, 276.032

Deuteranomaly
53, 8.160, 296.557

Tritanomaly
53, 6.826, 257.356

Monochromacy



Original Color
53, 6.826, 257.356

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 2.318, 248.032

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 6.826, 257.356 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(118, 128, 138)` looks like.

```
.text, #text, p{  
    color:rgb(118, 128, 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(118, 128, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 128, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 6.826, 257.356 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(118, 128, 138) }
```

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

```
.border{ border-color:rgb(118, 128, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 128, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 128, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 128, 138);  
box-shadow:4px 4px 4px 4px rgb(118, 128,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 6.826, 257.356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 128, 138) }
```

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

```
.background{ background-color: rgb(118,  
128, 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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