

Converting Colors

CIE LCh(53, 2.160, 63.259)

Have a look what the booklet for
CIELCh(53, 2.160, 63.259) contains.

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Color

CIELCh(53, 2.353, 66.618)

Conversions

Conversions Part 1

Format	Color
Hex	827E7B
RGB	130, 126, 123
RGB Percent	51%, 49%, 48%
CMY	0.4908, 0.5064, 0.5182
CMYK	0.00, 0.03, 0.05, 0.49
HSL	26°, 3%, 50%
HSV	26°, 5%, 51%
XYZ	20.1928, 21.0462, 21.6902
YIQ	126.8540, 3.3470, -0.0850

Conversions

Conversions Part 2

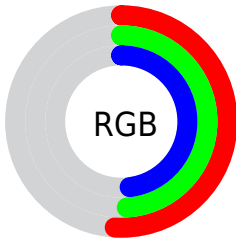
Format	Color
R_{YB}	130, 128, 123
Decimal	8552059
CIE Lab	53.00, 0.93, 2.16
CIE LCh	53, 2.353, 66.618
Yxy	21.0462, 0.3209, 0.3344
Android (android.graphics.Color)	4286742139 (0xFF827E7B)
YUV	126.8540, -1.9000, 2.7590
Hunter-Lab	45.8761, -1.7149, 4.0811

Details

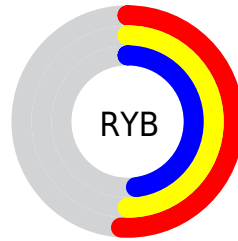
The CIELCh color $53, 2.353, 66.618$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $53, 2.318, 248.074$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 2.623, 74.766$, and $33, 2.578, 66.372$ is the 20% darker color. If you saturate the color by 10%, you get $51, 6.914, 65.693$, and if you desaturate by 10%, it is $55, 1.969, 247.993$.

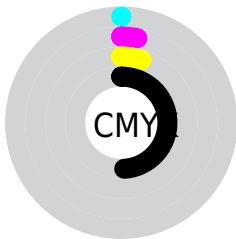
Distribution



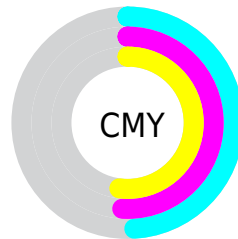
- Red (51%)
- Green (49%)
- Blue (48%)



- Red (51%)
- Yellow (50%)
- Blue (48%)



- Cyan (0%)
- Magenta (3%)
- Yellow (5%)
- Black (49%)



- Cyan (49%)
- Magenta (51%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 2.353, 66.618 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, 2.353, 66.618 by changing the saturation by 10% instead.

■ 53, 2.353, 66.618

■ 53, 2.353, 66.618

■ 100, 2.353, 66.618

■ 43, 2.353, 66.618

■ 73, 2.353, 66.618

■ 33, 2.353, 66.618

■ 83, 2.353, 66.618

■ 23, 2.353, 66.618

■ 93, 2.353, 66.618

■ 13, 2.353, 66.618

■ 3, 2.353, 66.618

■ 0, 2.353, 66.618

■ 53, 2.353, 66.618

■ 53, 2.353, 66.618

■ 51, 6.914, 65.693

■ 55, 1.969, 247.993

■ 48, 11.737, 64.665

■ 58, 6.078, 248.921

46, 16.840, 63.641

60, 9.998, 249.915

44, 22.234, 62.636

63, 13.750,
250.893

41, 27.902, 61.651

65, 17.353,
251.846

39, 33.787, 60.667

37, 39.740, 59.625

68, 20.827,
252.767

35, 45.444, 58.383

70, 24.185,
253.654

34, 50.451, 56.769

73, 27.442,
254.506

75, 30.609,
255.322

Harmonies

Complementary

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



53, 2.353, 66.618



53, 2.318, 248.074

Rectangle

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



53, 2.353, 66.618



53, 2.353, 116.618



53, 2.353, 246.618



53, 2.353, 296.618

Sweetspot

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



53, 2.353, 66.658



68, 1.066, 66.791



52, 3.682, 339.738



35, 0.603, 66.780



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



53, 2.353, 66.658



67, 3.245, 66.596



54, 3.688, 106.050



26, 1.702, 66.577



32, 52.210, 56.366



0, 0.000, 0.000

Inverse Universe

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



53, 2.318, 248.074



67, 3.187, 248.144



52, 3.734, 287.164



26, 1.670, 248.166



30, 36.389, 274.466



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 53, 2.353, 66.618 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, 2.353, 66.618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

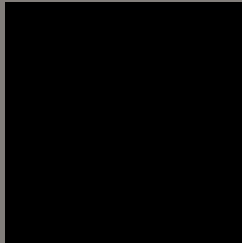
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

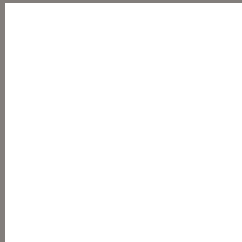
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 2.353, 66.618

Background



This preview shows how black text looks on a background with the CIELCh color 53, 2.353, 66.618.



This preview shows how white text looks on a background with the CIELCh color 53, 2.353, 66.618.

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, 2.353, 66.618

Protanopia

53, 2.353, 66.618

Deuteranopia

53, 7.424, 11.286



Tritanopia
53, 6.441, 316.012

Trichromacy



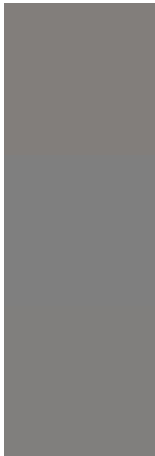
Original Color
53, 2.353, 66.618

Protanomaly
53, 2.353, 66.618

Deuteranomaly
53, 5.306, 13.695

Tritanomaly
53, 3.767, 329.598

Monochromacy



Original Color
53, 2.353, 66.618

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 1.211, 90.707

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 2.353, 66.618 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(130, 126, 123)` looks like.

```
.text, #text, p{  
    color:rgb(130, 126, 123)  
}
```

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(130, 126, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 126, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 2.353, 66.618 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(130, 126, 123) }
```

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

```
.border{ border-color:rgb(130, 126, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 126, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 126, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 126, 123);  
box-shadow:4px 4px 4px 4px rgb(130, 126,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 2.353, 66.618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 126, 123) }
```

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

```
.background{ background-color: rgb(130,  
126, 123) }
```

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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