

Converting Colors

CIELCh(53, 7.554, 333.544)

Have a look what the booklet for
CIELCh(53, 7.554, 333.544) contains.

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Color

CIELCh(53, 7.355, 335.198)

Conversions

Conversions Part 1

Format	Color
Hex	887B84
RGB	136, 123, 132
RGB Percent	53%, 48%, 52%
CMY	0.4669, 0.5179, 0.4826
CMYK	0.00, 0.10, 0.03, 0.47
HSL	318°, 5%, 51%
HSV	318°, 10%, 53%
XYZ	21.3814, 21.0462, 24.7453
YIQ	127.9130, 4.8590, 5.5550

Conversions

Conversions Part 2

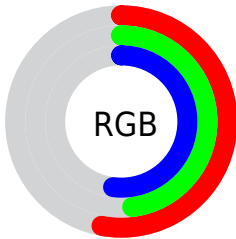
Format	Color
R_{YB}	136, 123, 132
Decimal	8944516
CIE Lab	53.00, 6.68, -3.09
CIE LCh	53, 7.355, 335.198
Yxy	21.0462, 0.3183, 0.3133
Android (android.graphics.Color)	4287134596 (0xFF887B84)
YUV	127.9130, 2.0149, 7.0923
Hunter-Lab	45.8761, 2.9100, 0.1327

Details

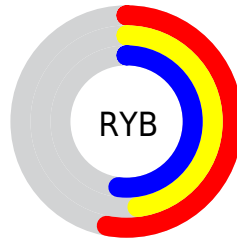
The CIELCh color $53, 7.355, 335.198$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $55, 7.315, 153.982$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 7.563, 334.165$, and $33, 7.690, 333.154$ is the 20% darker color. If you saturate the color by 10%, you get $49, 15.138, 335.920$, and if you desaturate by 10%, it is $57, 0.329, 155.355$.

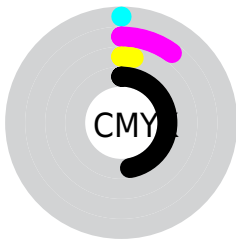
Distribution



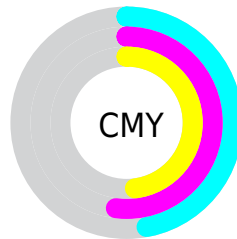
- Red (53%)
- Green (48%)
- Blue (52%)



- Red (53%)
- Yellow (48%)
- Blue (52%)



- Cyan (0%)
- Magenta (10%)
- Yellow (3%)
- Black (47%)



- Cyan (47%)
- Magenta (52%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 7.355, 335.198 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, 7.355, 335.198 by changing the saturation by 10% instead.

■ 53, 7.355, 335.198

■ 53, 7.355, 335.198

■ 100, 7.355,
335.198

■ 43, 7.355, 335.198

■ 73, 7.355, 335.198

■ 33, 7.355, 335.198

■ 83, 7.355, 335.198

■ 23, 7.355, 335.198

■ 93, 7.355, 335.198

■ 13, 7.355, 335.198

■ 3, 7.355, 335.198

■ 0, 7.355, 335.198

■ 53, 7.355, 335.198

■ 53, 7.355, 335.198

■ 49, 15.138,
335.920

■ 57, 0.329, 155.355

■ 61, 7.844, 153.984

46, 22.921,
336.675

65, 15.158,
153.381

42, 30.541,
337.480

69, 22.256,
152.822

39, 37.774,
338.352

73, 29.134,
152.298

36, 44.322,
339.312

77, 35.798,
151.805

34, 49.841,
340.393

81, 42.258,
151.341

32, 53.984,
341.642

85, 48.526,
150.904

30, 56.501,
343.124

89, 54.615,
150.493

30, 57.777,
344.820

Harmonies

Complementary

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



53, 7.355, 335.198



55, 7.315, 153.982

Rectangle

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



53, 7.355, 335.198



53, 7.355, 25.198



53, 7.355, 155.198



53, 7.355, 205.198

Sweetspot

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



53, 7.353, 335.200



70, 2.836, 334.692



52, 7.721, 302.345



37, 2.167, 334.763



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, 7.353, 335.200



67, 10.457, 335.320



53, 5.465, 4.045



27, 4.385, 335.172



29, 56.825, 344.842



0, 2.020, 334.597

Inverse Universe

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



53, 7.353, 335.200



67, 10.457, 335.320



56, 5.269, 182.502



27, 4.385, 335.172



29, 56.825, 344.842



0, 2.020, 334.597

Previews

White Background



This preview shows how the CIELCh color 53, 7.355, 335.198 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, 7.355, 335.198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

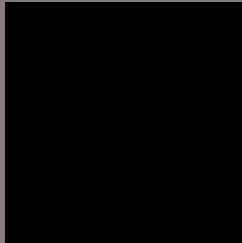
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 7.355, 335.198

Background



This preview shows how black text looks on a background with the CIELCh color 53, 7.355, 335.198.



This preview shows how white text looks on a background with the CIELCh color 53, 7.355, 335.198.

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, 7.355, 335.198

Protanopia

53, 4.655, 295.546

Deuteranopia

53, 7.355, 335.198



Tritanopia
53, 7.770, 332.186

Trichromacy



Original Color
53, 7.355, 335.198

Protanomaly
53, 5.055, 313.527

Deuteranomaly
53, 7.355, 335.198

Tritanomaly
53, 7.770, 332.186

Monochromacy



Original Color
53, 7.355, 335.198

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 2.654, 338.802

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 7.355, 335.198 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(136, 123, 132)` looks like.

```
.text, #text, p{  
    color:rgb(136, 123, 132)  
}
```

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(136, 123, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 123, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 7.355, 335.198 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(136, 123, 132) }
```

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

```
.border{ border-color:rgb(136, 123, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 123, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(136, 123, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(136, 123, 132); box-shadow:4px 4px 4px 4px rgb(136, 123, 132) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 7.355, 335.198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 123, 132) }
```

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

```
.background{ background-color: rgb(136,  
123, 132) }
```

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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