

Converting Colors

CIELCh(53, 6.650, 325.283)

Have a look what the booklet for
CIELCh(53, 6.650, 325.283) contains.

CIELCh(53, 6.333, 324.769)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(53, 6.333, 324.769)

Conversions

Conversions Part 1

Format	Color
Hex	857C85
RGB	133, 124, 133
RGB Percent	52%, 49%, 52%
CMY	0.4790, 0.5142, 0.4790
CMYK	0.00, 0.07, 0.00, 0.48
HSL	300°, 4%, 50%
HSV	300°, 7%, 52%
XYZ	21.0658, 21.0462, 25.0924
YIQ	127.7170, 2.4750, 4.7070

Conversions

Conversions Part 2

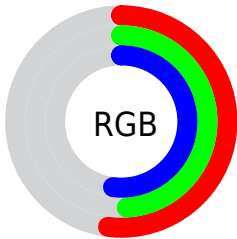
Format	Color
R_{YB}	133, 124, 133
Decimal	8748165
CIE Lab	53.00, 5.17, -3.65
CIE LCh	53, 6.333, 324.769
Yxy	21.0462, 0.3135, 0.3132
Android (android.graphics.Color)	4286938245 (0xFF857C85)
YUV	127.7170, 2.6045, 4.6332
Hunter-Lab	45.8761, 1.6821, -0.3160

Details

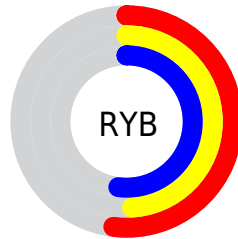
The CIELCh color **53, 6.333, 324.769** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **55, 6.318, 144.097**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 5.949, 324.663**, and **33, 6.881, 324.957** is the 20% darker color. If you saturate the color by 10%, you get **49, 15.757, 325.315**, and if you desaturate by 10%, it is **57, 2.984, 144.339**.

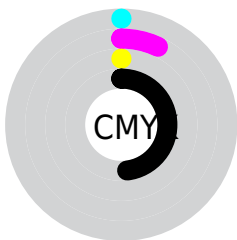
Distribution



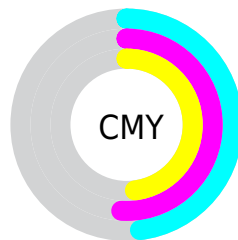
- Red (52%)
- Green (49%)
- Blue (52%)



- Red (52%)
- Yellow (49%)
- Blue (52%)



- Cyan (0%)
- Magenta (7%)
- Yellow (0%)
- Black (48%)



- Cyan (48%)
- Magenta (51%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 6.333, 324.769 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, 6.333, 324.769 by changing the saturation by 10% instead.

■ 53, 6.333, 324.769

■ 53, 6.333, 324.769

■ 100, 6.333,
324.769

■ 43, 6.333, 324.769

■ 73, 6.333, 324.769

■ 33, 6.333, 324.769

■ 83, 6.333, 324.769

■ 23, 6.333, 324.769

■ 93, 6.333, 324.769

■ 13, 6.333, 324.769

■ 3, 6.333, 324.769

■ 0, 6.333, 324.769

■ 53, 6.333, 324.769

■ 53, 6.333, 324.769

■ 49, 15.757,
325.315

■ 57, 2.984, 144.339

■ 60, 12.112,

46, 25.171,
325.842

143.778

43, 34.399,
326.347

64, 21.005,
143.276

40, 43.203,
326.818

68, 29.638,
142.799

37, 51.287,
327.240

72, 38.004,
142.348

35, 58.315,
327.598

76, 46.103,
141.924

33, 63.961,
327.880

80, 53.943,
141.526

32, 67.987,
328.077

84, 61.534,
141.154

31, 70.485,
328.198

88, 68.890,
140.808

Harmonies

Complementary

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



53, 6.333, 324.769



55, 6.318, 144.097

Rectangle

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



53, 6.333, 324.769



53, 6.333, 14.769



53, 6.333, 144.769



53, 6.333, 194.769

Sweetspot

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



53, 6.331, 324.769



70, 2.321, 324.450



52, 5.225, 290.842



36, 1.314, 324.435



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



53, 6.331, 324.769



67, 9.306, 324.849



53, 4.453, 344.122



26, 5.272, 324.901



30, 70.124, 328.233



0, 1.256, 324.439

Inverse Universe

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



53, 6.331, 324.769



67, 9.306, 324.849



55, 4.410, 163.181



26, 5.272, 324.901



30, 70.124, 328.233



0, 1.256, 324.439

Previews

White Background



This preview shows how the CIELCh color 53, 6.333, 324.769 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, 6.333, 324.769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

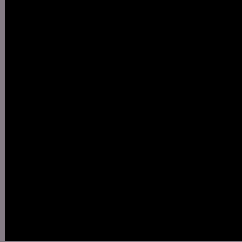
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 6.333, 324.769

Background



This preview shows how black text looks on a background with the CIELCh color 53, 6.333, 324.769.



This preview shows how white text looks on a background with the CIELCh color 53, 6.333, 324.769.

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

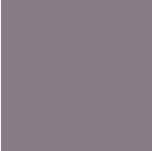
53, 6.333, 324.769

Protanopia

53, 4.655, 295.546

Deuteranopia

53, 7.770, 332.186



Tritanopia
53, 6.816, 322.037

Trichromacy



Original Color

53, 6.333, 324.769

Protanomaly

53, 5.464, 307.394

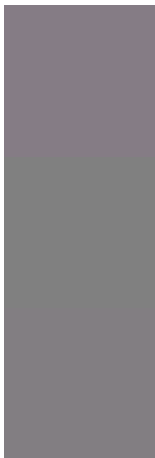
Deuteranomaly

53, 7.513, 329.879

Tritanomaly

53, 6.816, 322.037

Monochromacy



Original Color

53, 6.333, 324.769

Achromatopsia

54, 0.007, 296.813

Achromatomaly

53, 2.822, 324.537

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 6.333, 324.769 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(133, 124, 133)` looks like.

```
.text, #text, p{  
    color:rgb(133, 124, 133)  
}
```

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(133, 124, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 124, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 6.333, 324.769 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(133, 124, 133) }
```

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

```
.border{ border-color:rgb(133, 124, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 124, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 124, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 124, 133);  
box-shadow:4px 4px 4px 4px rgb(133, 124,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 6.333, 324.769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 124, 133) }
```

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

```
.background{ background-color: rgb(133,  
124, 133) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor