

Converting Colors

CIELCh(53, 7.890, 332.781)

Have a look what the booklet for
CIELCh(53, 7.890, 332.781) contains.

CIELCh(53, 7.770, 332.186)	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, 7.770, 332.186)

Conversions

Conversions Part 1

Format	Color
Hex	887B85
RGB	136, 123, 133
RGB Percent	53%, 48%, 52%
CMY	0.4672, 0.5181, 0.4790
CMYK	0.00, 0.10, 0.02, 0.47
HSL	314°, 5%, 51%
HSV	314°, 10%, 53%
XYZ	21.4227, 21.0462, 25.0753
YIQ	128.0270, 4.5380, 5.8660

Conversions

Conversions Part 2

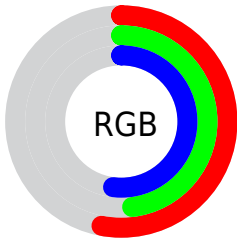
Format	Color
R_{YB}	136, 123, 133
Decimal	8944517
CIE Lab	53.00, 6.87, -3.63
CIE LCh	53, 7.770, 332.186
Yxy	21.0462, 0.3172, 0.3116
Android (android.graphics.Color)	4287134597 (0xFF887B85)
YUV	128.0270, 2.4517, 6.9923
Hunter-Lab	45.8761, 3.0708, -0.2939

Details

The CIELCh color $53, 7.770, 332.186$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $55, 7.740, 151.046$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 7.959, 331.455$, and $33, 8.157, 330.148$ is the 20% darker color. If you saturate the color by 10%, you get $49, 15.974, 332.845$, and if you desaturate by 10%, it is $57, 0.344, 152.298$.

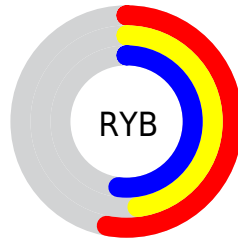
Distribution



Red (53%)

Green (48%)

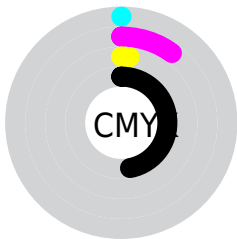
Blue (52%)



Red (53%)

Yellow (48%)

Blue (52%)

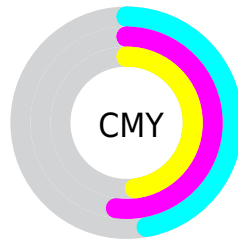


Cyan (0%)

Magenta (10%)

Yellow (2%)

Black (47%)



Cyan (47%)

Magenta (52%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 7.770, 332.186 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, 7.770, 332.186 by changing the saturation by 10% instead.

■ 53, 7.770, 332.186

■ 53, 7.770, 332.186

■ 100, 7.770,
332.186

■ 43, 7.770, 332.186

■ 73, 7.770, 332.186

■ 33, 7.770, 332.186

■ 83, 7.770, 332.186

■ 23, 7.770, 332.186

■ 93, 7.770, 332.186

■ 13, 7.770, 332.186

■ 3, 7.770, 332.186

■ 0, 7.770, 332.186

■ 53, 7.770, 332.186

■ 53, 7.770, 332.186

■ 49, 15.974,
332.845

■ 57, 0.344, 152.298

■ 61, 8.294, 151.048

46, 24.159,
333.521

65, 16.040,
150.477

42, 32.156,
334.223

69, 23.564,
149.943

39, 39.728,
334.958

73, 30.861,
149.441

36, 46.574,
335.735

77, 37.934,
148.966

34, 52.344,
336.569

81, 44.793,
148.518

32, 56.694,
337.487

85, 51.449,
148.097

31, 59.381,
338.525

89, 57.914,
147.699

30, 60.790,
339.674

Harmonies

Complementary

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



53, 7.770, 332.186



55, 7.740, 151.046

Rectangle

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



53, 7.770, 332.186



53, 7.770, 22.186



53, 7.770, 152.186



53, 7.770, 202.186

Sweetspot

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



53, 7.768, 332.187



70, 2.998, 331.720



52, 7.646, 299.270



37, 2.291, 331.784



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, 7.768, 332.187



67, 11.047, 332.298



53, 5.658, 357.942



27, 4.632, 332.161



29, 59.810, 339.691



0, 2.136, 331.626

Inverse Universe

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



53, 7.768, 332.187



67, 11.047, 332.298



56, 5.501, 176.341



27, 4.632, 332.161



29, 59.810, 339.691



0, 2.136, 331.626

Previews

White Background



This preview shows how the CIELCh color 53, 7.770, 332.186 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, 7.770, 332.186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

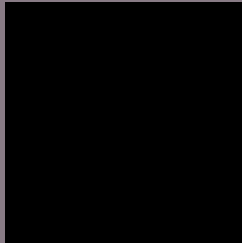
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 7.770, 332.186

Background



This preview shows how black text looks on a background with the CIELCh color 53, 7.770, 332.186.



This preview shows how white text looks on a background with the CIELCh color 53, 7.770, 332.186.

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, 7.770, 332.186

Protanopia

53, 5.211, 290.833

Deuteranopia

53, 7.770, 332.186



Tritanopia
53, 7.770, 332.186

Trichromacy



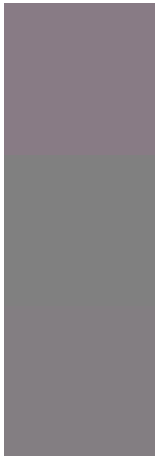
Original Color
53, 7.770, 332.186

Protanomaly
53, 5.591, 311.241

Deuteranomaly
53, 7.770, 332.186

Tritanomaly
53, 7.770, 332.186

Monochromacy



Original Color
53, 7.770, 332.186

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 3.065, 330.681

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 7.770, 332.186 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, 133)` looks like.

```
.text, #text, p{  
    color:rgb(136, 123, 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(136, 123, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 123, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 7.770, 332.186 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, 133) }
```

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

```
.border{ border-color:rgb(136, 123, 133) }
```

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, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 123, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 123, 133);  
box-shadow:4px 4px 4px 4px rgb(136, 123,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 7.770, 332.186 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, 133) }
```

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

```
.background{ background-color: rgb(136,  
123, 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](#).

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