

Converting Colors

CIELCh(53, 7.345, 341.304)

Have a look what the booklet for
CIELCh(53, 7.345, 341.304) contains.

CIELCh(53, 7.266, 340.725)	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, 7.266, 340.725)

Conversions

Conversions Part 1

Format	Color
Hex	897B83
RGB	137, 123, 131
RGB Percent	54%, 48%, 51%
CMY	0.4636, 0.5185, 0.4871
CMYK	0.00, 0.10, 0.04, 0.46
HSL	326°, 6%, 51%
HSV	326°, 10%, 54%
XYZ	21.4199, 21.0462, 24.3299
YIQ	128.0980, 5.7760, 5.4560

Conversions

Conversions Part 2

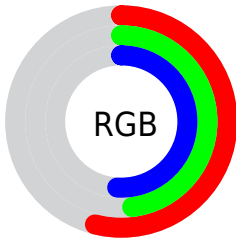
Format	Color
R_{YB}	137, 123, 131
Decimal	9010051
CIE Lab	53.00, 6.86, -2.40
CIE LCh	53, 7.266, 340.725
Yxy	21.0462, 0.3207, 0.3151
Android (android.graphics.Color)	4287200131 (0xFF897B83)
YUV	128.0980, 1.4307, 7.8071
Hunter-Lab	45.8761, 3.0596, 0.6695

Details

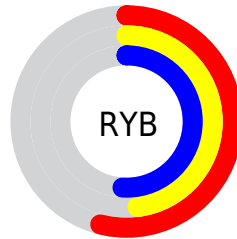
The CIELCh color $53, 7.266, 340.725$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $56, 7.195, 159.256$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 7.464, 339.173$, and $33, 7.565, 338.932$ is the 20% darker color. If you saturate the color by 10%, you get $49, 14.484, 341.569$, and if you desaturate by 10%, it is $57, 0.167, 338.291$.

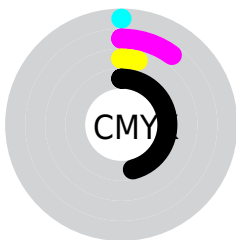
Distribution



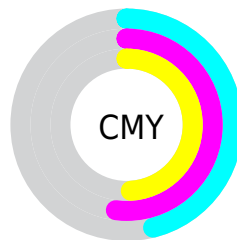
- Red (54%)
- Green (48%)
- Blue (51%)



- Red (54%)
- Yellow (48%)
- Blue (51%)



- Cyan (0%)
- Magenta (10%)
- Yellow (4%)
- Black (46%)



- Cyan (46%)
- Magenta (52%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 7.266, 340.725 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, 7.266, 340.725 by changing the saturation by 10% instead.

■ 53, 7.266, 340.725

■ 53, 7.266, 340.725

■ 100, 7.266,
340.725

■ 43, 7.266, 340.725

■ 73, 7.266, 340.725

■ 33, 7.266, 340.725

■ 83, 7.266, 340.725

■ 23, 7.266, 340.725

■ 93, 7.266, 340.725

■ 13, 7.266, 340.725

■ 3, 7.266, 340.725

■ 0, 7.266, 340.725

■ 53, 7.266, 340.725

■ 53, 7.266, 340.725

■ 49, 14.484,
341.569

■ 57, 0.167, 338.291

■ 61, 6.752, 159.362

45, 21.732,
342.477

65, 13.466,
158.695

42, 28.858,
343.486

69, 19.963,
158.087

39, 35.647,
344.627

73, 26.244,
157.522

36, 41.811,
345.949

77, 32.319,
156.996

33, 47.011,
347.519

81, 38.198,
156.503

31, 50.911,
349.432

85, 43.895,
156.041

30, 53.281,
351.804

89, 49.422,
155.608

29, 54.581,
354.489

Harmonies

Complementary

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



53, 7.266, 340.725



56, 7.195, 159.256

Rectangle

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



53, 7.266, 340.725



53, 7.266, 30.725



53, 7.266, 160.725



53, 7.266, 210.725

Sweetspot

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



53, 7.264, 340.728



71, 2.630, 340.089



52, 8.464, 306.587



37, 1.987, 340.171



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, 7.264, 340.728



67, 10.610, 340.896



53, 5.723, 13.243



27, 4.025, 340.640



28, 53.393, 354.381



0, 1.851, 339.993

Inverse Universe

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



53, 7.264, 340.728



67, 10.610, 340.896



56, 5.429, 191.852



27, 4.025, 340.640



28, 53.393, 354.381



0, 1.851, 339.993

Previews

White Background



This preview shows how the CIELCh color 53, 7.266, 340.725 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, 7.266, 340.725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

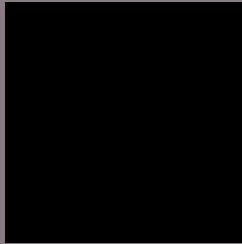
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 7.266, 340.725

Background



This preview shows how black text looks on a background with the CIELCh color 53, 7.266, 340.725.



This preview shows how white text looks on a background with the CIELCh color 53, 7.266, 340.725.

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, 7.266, 340.725

Protanopia

53, 4.079, 296.171

Deuteranopia

53, 7.266, 340.725



Tritanopia
53, 7.640, 337.372

Trichromacy



Original Color
53, 7.266, 340.725

Protanomaly
53, 4.716, 320.693

Deuteranomaly
53, 7.266, 340.725

Tritanomaly
53, 7.640, 337.372

Monochromacy



Original Color
53, 7.266, 340.725

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, 7.266, 340.725 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(137, 123, 131)` looks like.

```
.text, #text, p{  
    color:rgb(137, 123, 131)  
}
```

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(137, 123, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 123, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 7.266, 340.725 is called "border". The border property can be set on classes, ids or directly on the HTML element.

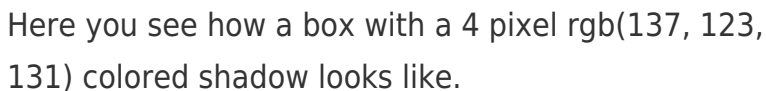
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 123, 131) }
```

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

```
.border{ border-color:rgb(137, 123, 131) }
```

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



Here you see how a box with a 4 pixel `rgb(137, 123, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 123, 131); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 123, 131); box-shadow:4px 4px 4px 4px rgb(137, 123, 131) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 7.266, 340.725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 123, 131) }
```

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

```
.background{ background-color: rgb(137,  
123, 131) }
```

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