

Converting Colors

CIELCh(53, 21.891, 354.585)

Have a look what the booklet for
CIELCh(53, 21.891, 354.585)
contains.

CIELCh(53, 21.871, 354.045)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(53, 21.871, 354.045)

Conversions

Conversions Part 1

Format	Color
Hex	A17183
RGB	161, 113, 131
RGB Percent	63%, 44%, 51%
CMY	0.3684, 0.5566, 0.4861
CMYK	0.00, 0.30, 0.19, 0.37
HSL	338°, 20%, 54%
HSV	338°, 30%, 63%
XYZ	24.7219, 21.0462, 24.2521
YIQ	129.4040, 22.8300, 15.7740

Conversions

Conversions Part 2

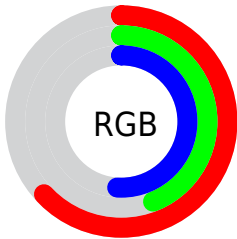
Format	Color
R_{YB}	161, 113, 131
Decimal	10580355
CIE Lab	53.00, 21.75, -2.27
CIE LCh	53, 21.871, 354.045
Yxy	21.0462, 0.3531, 0.3006
Android (android.graphics.Color)	4288770435 (0xFFA17183)
YUV	129.4040, 0.7868, 27.7097
Hunter-Lab	45.8761, 15.9075, 0.7700

Details

The CIELCh color $53, 21.871, 354.045$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $63, 20.508, 168.122$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 22.179, 354.023$, and $33, 22.012, 353.071$ is the 20% darker color. If you saturate the color by 10%, you get $49, 29.385, 355.425$, and if you desaturate by 10%, it is $57, 14.362, 352.864$.

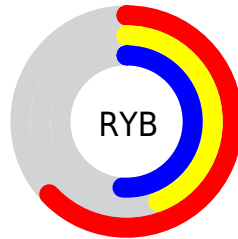
Distribution



Red (63%)

Green (44%)

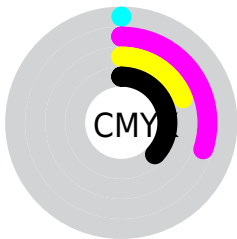
Blue (51%)



Red (63%)

Yellow (44%)

Blue (51%)

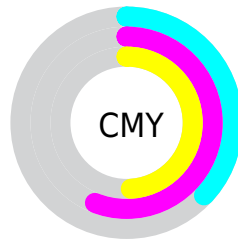


Cyan (0%)

Magenta (30%)

Yellow (19%)

Black (37%)



Cyan (37%)


Magenta (56%)


Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 21.871, 354.045 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, 21.871, 354.045 by changing the saturation by 10% instead.


 53, 21.871,
354.045


 53, 21.871,
354.045


 100, 21.871,
354.045


 43, 21.871,
354.045


 73, 21.871,
354.045

 33, 21.871,
354.045

 83, 21.871,
354.045

 23, 21.871,
354.045

 93, 21.871,
354.045

 13, 21.871,
354.045

 3, 21.871, 354.045

 0, 21.871, 354.045

53, 21.871,
354.045

53, 21.871,
354.045

49, 29.385,
355.425

57, 14.362,
352.864

45, 36.700,
357.069

62, 7.002, 351.815

66, 0.134, 173.844

42, 43.522,
359.077

71, 7.005, 170.214

39, 49.504, 1.579

76, 13.600,
169.458

36, 54.316, 4.738

80, 19.924,

35, 57.781, 8.717


168.785

34, 60.324, 13.382

85, 25.989,
168.172

34, 60.378, 13.473

90, 31.813,
167.609

 94, 35.812,
168.464

Harmonies

Complementary

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



53, 21.871, 354.045



63, 20.508, 168.122

Rectangle

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



53, 21.871, 354.045



53, 21.871, 44.045



53, 21.871, 174.045



53, 21.871, 224.045

Sweetspot

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



53, 21.869, 354.047



79, 7.942, 351.750



52, 29.969, 314.313



41, 5.520, 351.890



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



53, 21.869, 354.047



64, 32.833, 354.969



54, 18.472, 31.265



32, 4.081, 351.761



30, 55.936, 12.960



1, 6.126, 353.268

Inverse Universe

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



53, 21.869, 354.047



64, 32.833, 354.969



61, 15.012, 210.350



32, 4.081, 351.761



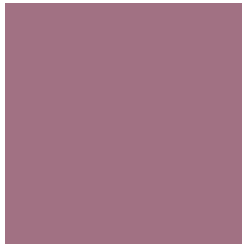
30, 55.936, 12.960



1, 6.126, 353.268

Previews

White Background



This preview shows how the CIELCh color 53, 21.871, 354.045 looks on a white background.

Color Contrast Check

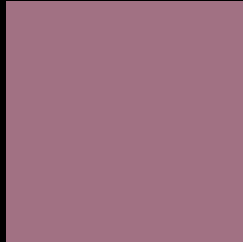
Large Text (above 18pt) WCAG AA ✓ Pass

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, 21.871, 354.045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

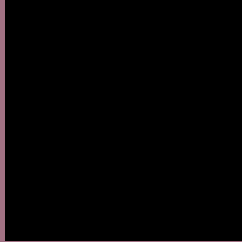
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 21.871, 354.045

Background



This preview shows how black text looks on a background with the CIELCh color 53, 21.871, 354.045.



This preview shows how white text looks on a background with the CIELCh color 53, 21.871, 354.045.

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, 21.871, 354.045

Protanopia
53, 7.524, 291.113

Deuteranopia
53, 6.955, 350.328



Tritanopia
53, 19.651, 6.660

Trichromacy



Original Color
53, 21.871, 354.045

Protanomaly
53, 11.237, 330.132

Deuteranomaly
53, 12.579, 350.644

Tritanomaly
53, 20.001, 1.827

Monochromacy



Original Color
53, 21.871, 354.045

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 8.283, 351.214

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 21.871, 354.045 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(161, 113, 131)` looks like.

```
.text, #text, p{  
    color:rgb(161, 113, 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(161, 113, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 113, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 21.871, 354.045 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(161, 113, 131) }
```

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

```
.border{ border-color:rgb(161, 113, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 113, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 113, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 113, 131);  
box-shadow:4px 4px 4px 4px rgb(161, 113,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 21.871, 354.045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 113, 131) }
```

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

```
.background{ background-color: rgb(161,  
113, 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