

Converting Colors

CIELCh(53, 21.460, 356.849)

Have a look what the booklet for
CIELCh(53, 21.460, 356.849)
contains.

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Color

CIELCh(53, 21.460, 356.849)

Conversions

Conversions Part 1

Format	Color
Hex	A17181
RGB	161, 113, 129
RGB Percent	63%, 44%, 51%
CMY	0.3678, 0.5560, 0.4933
CMYK	0.00, 0.30, 0.20, 0.37
HSL	340°, 20%, 54%
HSV	340°, 30%, 63%
XYZ	24.6463, 21.0462, 23.6042
YIQ	129.1760, 23.4720, 15.1520

Conversions

Conversions Part 2

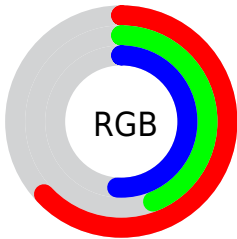
Format	Color
R _{YB}	161, 113, 129
Decimal	10580353
CIE Lab	53.00, 21.43, -1.18
CIE LCh	53, 21.460, 356.849
Yxy	21.0462, 0.3557, 0.3037
Android (android.graphics.Color)	4288770433 (0xFFA17181)
YUV	129.1760, -0.0868, 27.9096
Hunter-Lab	45.8761, 15.6135, 1.6074

Details

The CIELCh color $53, 21.460, 356.849$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $63, 19.887, 170.824$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 21.777, 356.608$, and $33, 21.573, 356.102$ is the 20% darker color. If you saturate the color by 10%, you get $49, 28.912, 358.292$, and if you desaturate by 10%, it is $57, 14.055, 355.625$.

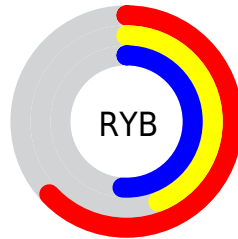
Distribution



Red (63%)

Green (44%)

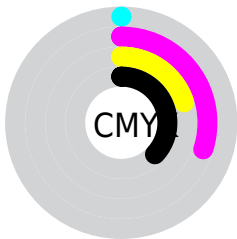
Blue (51%)



Red (63%)

Yellow (44%)

Blue (51%)

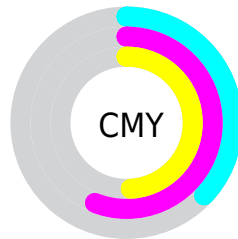


Cyan (0%)

Magenta (30%)

Yellow (20%)

Black (37%)



Cyan (37%)


Magenta (56%)

Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 21.460, 356.849 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, 21.460, 356.849 by changing the saturation by 10% instead.


 53, 21.460,
356.849


 53, 21.460,
356.849


 100, 21.460,
356.849


 43, 21.460,
356.849


 73, 21.460,
356.849

 33, 21.460,
356.849

 83, 21.460,
356.849

 23, 21.460,
356.849

 93, 21.460,
356.849

 13, 21.460,
356.849

 3, 21.460, 356.849

 0, 21.460, 356.849

53, 21.460,
356.849

53, 21.460,
356.849

49, 28.912,
358.292

57, 14.055,
355.625

45, 36.217, 0.025

62, 6.830, 354.545

42, 43.097, 2.156

66, 0.146, 176.408

39, 49.217, 4.825

71, 6.840, 172.921

36, 54.268, 8.196

76, 13.247,
172.158

35, 58.093, 12.421

80, 19.373,
171.483

34, 61.113, 17.311

34, 61.184, 17.416

85, 25.235,
170.870

90, 30.853,
170.310

■ 94, 34.530,
171.498

Harmonies

Complementary

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



53, 21.460, 356.849



63, 19.887, 170.824

Rectangle

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



53, 21.460, 356.849



53, 21.460, 46.849



53, 21.460, 176.849



53, 21.460, 226.849

Sweetspot

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



53, 21.458, 356.852



79, 7.759, 354.481



52, 30.265, 315.921



41, 5.394, 354.625



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, 21.458, 356.852



64, 32.270, 357.817



55, 17.804, 35.919



32, 3.986, 354.493



30, 56.594, 16.877



1, 5.997, 355.827

Inverse Universe

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



53, 21.458, 356.852



64, 32.270, 357.817



61, 14.501, 216.489



32, 3.986, 354.493



30, 56.594, 16.877



1, 5.997, 355.827

Previews

White Background



This preview shows how the CIELCh color 53, 21.460, 356.849 looks on a white background.

Color Contrast Check

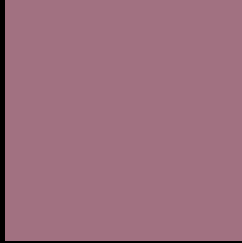
Large Text (above 18pt) WCAG AA ✓ Pass

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, 21.460, 356.849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

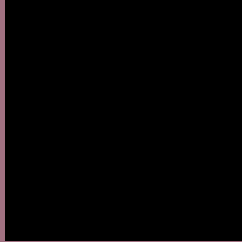
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 21.460, 356.849

Background



This preview shows how black text looks on a background with the CIELCh color 53, 21.460, 356.849.



This preview shows how white text looks on a background with the CIELCh color 53, 21.460, 356.849.

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, 21.460, 356.849

Protanopia

53, 6.368, 290.973

Deuteranopia

53, 6.864, 0.539



Tritanopia
53, 20.057, 7.038

Trichromacy



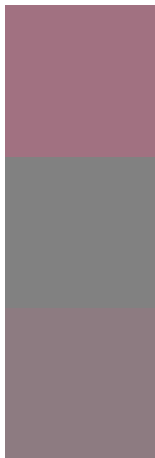
Original Color
53, 21.460, 356.849

Protanomaly
53, 10.387, 334.223

Deuteranomaly
53, 12.462, 356.328

Tritanomaly
53, 20.264, 3.856

Monochromacy



Original Color
53, 21.460, 356.849

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 8.032, 354.835

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 21.460, 356.849 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, 129)` looks like.

```
.text, #text, p{  
    color:rgb(161, 113, 129)  
}
```

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, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 113, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 21.460, 356.849 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, 129) }
```

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

```
.border{ border-color:rgb(161, 113, 129) }
```

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, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 113, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 113, 129);  
box-shadow:4px 4px 4px 4px rgb(161, 113,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 21.460, 356.849 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, 129) }
```

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

```
.background{ background-color: rgb(161,  
113, 129) }
```

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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