

Converting Colors

CIELCh(53, 30.983, 356.264)

Have a look what the booklet for
CIELCh(53, 30.983, 356.264)
contains.

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Color

CIELCh(53, 30.983, 356.264)

Conversions

Conversions Part 1

Format	Color
Hex	AF6A83
RGB	175, 106, 131
RGB Percent	69%, 42%, 51%
CMY	0.3139, 0.5845, 0.4864
CMYK	0.00, 0.39, 0.25, 0.31
HSL	338°, 30%, 55%
HSV	338°, 39%, 69%
XYZ	26.9131, 21.0462, 24.1023
YIQ	129.4810, 33.0990, 22.4030

Conversions

Conversions Part 2

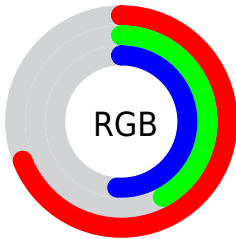
Format	Color
R_{YB}	175, 106, 131
Decimal	11496067
CIE Lab	53.00, 30.92, -2.02
CIE LCh	53, 30.983, 356.264
Yxy	21.0462, 0.3735, 0.2921
Android (android.graphics.Color)	4289686147 (0xFFAF6A83)
YUV	129.4810, 0.7489, 39.9202
Hunter-Lab	45.8761, 24.4334, 0.9637

Details

The CIELCh color **53, 30.983, 356.264** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **66, 28.301, 167.778**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 31.239, 356.006**, and **33, 30.978, 356.292** is the 20% darker color. If you saturate the color by 10%, you get **49, 38.800, 357.946**, and if you desaturate by 10%, it is **57, 22.964, 354.862**.

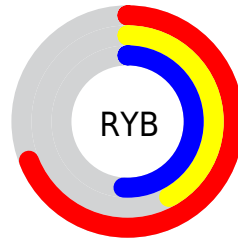
Distribution



Red (69%)

Green (42%)

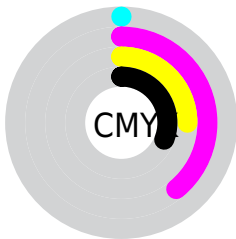
Blue (51%)



Red (69%)

Yellow (42%)

Blue (51%)

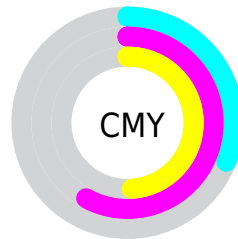


Cyan (0%)

Magenta (39%)

Yellow (25%)

Black (31%)



Cyan (31%)


Magenta (58%)


Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 30.983, 356.264 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, 30.983, 356.264 by changing the saturation by 10% instead.


 53, 30.983,
356.264


 53, 30.983,
356.264


 100, 30.983,
356.264


 43, 30.983,
356.264


 73, 30.983,
356.264

 33, 30.983,
356.264

 83, 30.983,
356.264

 23, 30.983,
356.264

 93, 30.983,
356.264

 13, 30.983,
356.264

 3, 30.983, 356.264

 0, 30.983, 356.264

53, 30.983,
356.264

53, 30.983,
356.264

49, 38.800,
357.946

57, 22.964,
354.862

45, 46.113, 0.005

62, 14.973,
353.661

42, 52.545, 2.579

67, 7.153, 352.597

40, 57.748, 5.834

72, 0.416, 172.735

38, 61.541, 9.935

77, 7.695, 170.984


37, 64.298, 14.791

82, 14.673,
170.225

37, 64.463, 15.063

87, 21.356,
169.550

92, 27.760,
168.936

 94, 29.482,
173.146

Harmonies

Complementary

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



53, 30.983, 356.264



66, 28.301, 167.778

Rectangle

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



53, 30.983, 356.264



53, 30.983, 46.264



53, 30.983, 176.264



53, 30.983, 226.264

Sweetspot

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



53, 30.981, 356.266



83, 11.295, 352.884



52, 42.788, 315.284



44, 7.568, 353.016



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



53, 30.981, 356.266



64, 45.619, 357.651



54, 26.864, 33.376



34, 4.260, 352.583



31, 57.562, 14.336



2, 8.533, 356.268

Inverse Universe

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



53, 30.981, 356.266



64, 45.619, 357.651



64, 20.138, 212.703



34, 4.260, 352.583



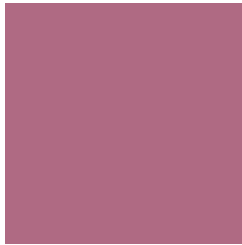
31, 57.562, 14.336



2, 8.533, 356.268

Previews

White Background



This preview shows how the CIE LCh color 53, 30.983, 356.264 looks on a white background.

Color Contrast Check

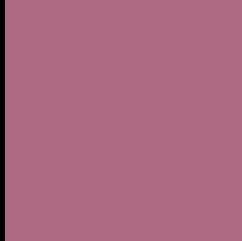
Large Text (above 18pt) WCAG AA ✓ Pass

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, 30.983, 356.264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

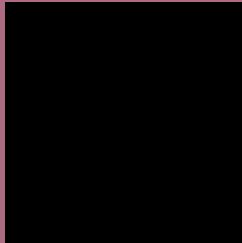
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 30.983, 356.264

Background



This preview shows how black text looks on a background with the CIELCh color 53, 30.983, 356.264.



This preview shows how white text looks on a background with the CIELCh color 53, 30.983, 356.264.

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, 30.983, 356.264

Protanopia

53, 9.852, 287.030

Deuteranopia

53, 7.066, 356.118



Tritanopia
53, 27.670, 13.514

Trichromacy



Original Color
53, 30.983, 356.264

Protanomaly
53, 14.933, 330.370

Deuteranomaly
53, 15.740, 355.340

Tritanomaly
53, 28.345, 6.847

Monochromacy



Original Color
53, 30.983, 356.264

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 11.324, 353.530

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 30.983, 356.264 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(175, 106, 131)` looks like.

```
.text, #text, p{  
    color:rgb(175, 106, 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(175, 106, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 106, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 30.983, 356.264 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(175, 106, 131) }
```

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

```
.border{ border-color:rgb(175, 106, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 106, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 106, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 106, 131);  
box-shadow:4px 4px 4px 4px rgb(175, 106,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 30.983, 356.264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 106, 131) }
```

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

```
.background{ background-color: rgb(175,  
106, 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](#).

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