

Converting Colors

CIELCh(53, 32.651, 345.149)

Have a look what the booklet for
CIELCh(53, 32.651, 345.149)
contains.

CIELCh(53, 32.688, 344.774)	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, 32.688, 344.774)

Conversions

Conversions Part 1

Format	Color
Hex	AC6A8E
RGB	172, 106, 142
RGB Percent	67%, 42%, 56%
CMY	0.3253, 0.5841, 0.4430
CMYK	0.00, 0.38, 0.17, 0.33
HSL	327°, 28%, 55%
HSV	327°, 38%, 67%
XYZ	27.0667, 21.0462, 28.2432
YIQ	129.8380, 27.7800, 25.1880

Conversions

Conversions Part 2

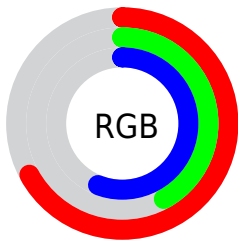
Format	Color
R _Y B	172, 106, 142
Decimal	11299470
CIE Lab	53.00, 31.54, -8.58
CIE LCh	53, 32.688, 344.774
Yxy	21.0462, 0.3545, 0.2756
Android (android.graphics.Color)	4289489550 (0xFFAC6A8E)
YUV	129.8380, 5.9959, 36.9761
Hunter-Lab	45.8761, 25.0310, -4.3881

Details

The CIELCh color $53, 32.688, 344.774$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $65, 31.563, 157.692$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 33.160, 344.599$, and $33, 32.509, 344.580$ is the 20% darker color. If you saturate the color by 10%, you get $49, 40.833, 345.984$, and if you desaturate by 10%, it is $57, 24.178, 343.715$.

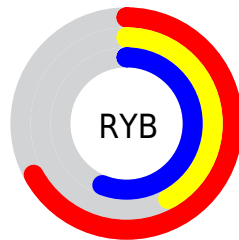
Distribution



Red (67%)

Green (42%)

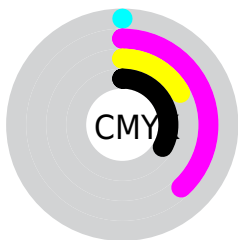
Blue (56%)



Red (67%)

Yellow (42%)

Blue (56%)

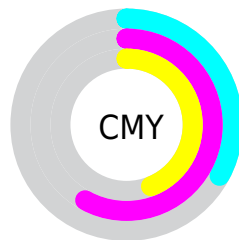


Cyan (0%)

Magenta (38%)

Yellow (17%)

Black (33%)



Cyan (33%)


Magenta (58%)


Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 32.688, 344.774 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, 32.688, 344.774 by changing the saturation by 10% instead.


 53, 32.688,
344.774


 53, 32.688,
344.774


 100, 32.688,
344.774


 43, 32.688,
344.774


 73, 32.688,
344.774

 33, 32.688,
344.774

 83, 32.688,
344.774

 23, 32.688,
344.774

 93, 32.688,
344.774

 13, 32.688,
344.774

 3, 32.688, 344.774

 0, 32.688, 344.774

53, 32.688,
344.774

53, 32.688,
344.774

49, 40.833,
345.984

57, 24.178,
343.715

45, 48.276,
347.398

62, 15.567,
342.766

42, 54.597,
349.094

66, 7.022, 341.889

40, 59.377,
351.179

71, 1.350, 161.420

76, 9.489, 160.485

38, 62.326,
353.791

81, 17.368,
159.808

37, 63.618,
356.998

86, 24.979,
159.190

37, 63.806,
357.539

91, 32.328,
158.617

■ 94, 36.086,
159.866

Harmonies

Complementary

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



53, 32.688, 344.774



65, 31.563, 157.692

Rectangle

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



53, 32.688, 344.774



53, 32.688, 34.774



53, 32.688, 164.774



53, 32.688, 214.774

Sweetspot

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



53, 32.686, 344.775



82, 12.557, 342.223



50, 40.007, 309.337



43, 8.328, 342.331



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



53, 32.686, 344.775



64, 48.307, 345.787



52, 28.380, 19.233



34, 4.789, 341.971



32, 57.897, 357.098



2, 9.390, 346.357

Inverse Universe

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



53, 32.686, 344.775



64, 48.307, 345.787



66, 22.316, 192.814



34, 4.789, 341.971



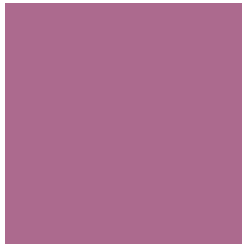
32, 57.897, 357.098



2, 9.390, 346.357

Previews

White Background



This preview shows how the CIELCh color 53, 32.688, 344.774 looks on a white background.

Color Contrast Check

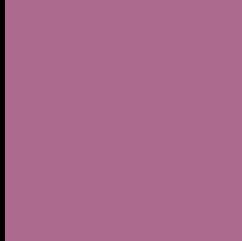
Large Text (above 18pt) WCAG AA ✓ Pass

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, 32.688, 344.774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

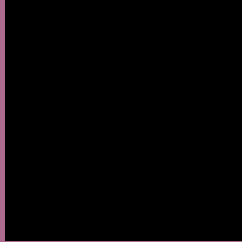
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 32.688, 344.774

Background



This preview shows how black text looks on a background with the CIELCh color 53, 32.688, 344.774.



This preview shows how white text looks on a background with the CIELCh color 53, 32.688, 344.774.

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, 32.688, 344.774

Protanopia

53, 16.855, 284.931

Deuteranopia

53, 10.247, 315.789



Tritanopia
53, 25.137, 10.859

Trichromacy



Original Color
53, 32.688, 344.774

Protanomaly
53, 19.563, 314.824

Deuteranomaly
53, 18.003, 334.001

Tritanomaly
53, 26.793, 0.413

Monochromacy



Original Color
53, 32.688, 344.774

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 12.152, 342.778

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 32.688, 344.774 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(172, 106, 142)` looks like.

```
.text, #text, p{  
    color:rgb(172, 106, 142)  
}
```

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(172, 106, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 106, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 32.688, 344.774 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(172, 106, 142) }
```

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

```
.border{ border-color:rgb(172, 106, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 106, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 106, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 106, 142);  
box-shadow:4px 4px 4px 4px rgb(172, 106,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 32.688, 344.774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 106, 142) }
```

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

```
.background{ background-color: rgb(172,  
106, 142) }
```

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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