

Converting Colors

CIELCh(53, 21.123, 339.916)

Have a look what the booklet for
CIELCh(53, 21.123, 339.916)
contains.

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Color

CIELCh(53, 20.920, 340.655)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 9B738B |
| RGB | 155, 115, 139 |
| RGB Percent | 61%, 45%, 55% |
| CMY | 0.3927, 0.5495, 0.4554 |
| CMYK | 0.00, 0.26, 0.10, 0.39 |
| HSL | 324°, 17%, 53% |
| HSV | 324°, 26%, 61% |
| XYZ | 24.2568, 21.0462, 27.1581 |
| YIQ | 129.6960, 16.1360, 15.9440 |

Conversions

Conversions Part 2

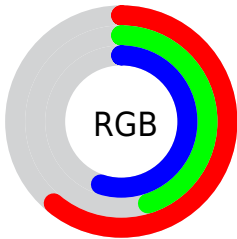
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 155, 115, 139 |
| Decimal | 10187659 |
| CIE _{Lab} | 53.00, 19.74, -6.93 |
| CIE _{LCh} | 53, 20.920, 340.655 |
| Yxy | 21.0462, 0.3348, 0.2904 |
| Android (android.graphics.Color) | 4288377739 (0xFF9B738B) |
| YUV | 129.6960, 4.5869, 22.1916 |
| Hunter-Lab | 45.8761, 14.0979, -2.9857 |

Details

The CIELCh color $53, 20.920, 340.655$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $60, 20.538, 156.512$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 20.947, 341.147$, and $33, 21.128, 340.381$ is the 20% darker color. If you saturate the color by 10%, you get $49, 29.015, 341.586$, and if you desaturate by 10%, it is $57, 12.748, 339.805$.

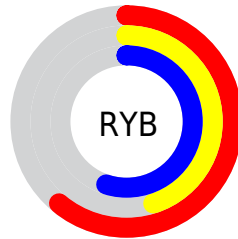
Distribution



Red (61%)

Green (45%)

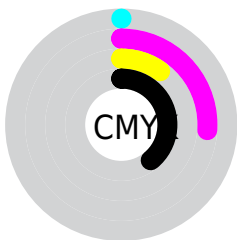
Blue (55%)



Red (61%)

Yellow (45%)

Blue (55%)

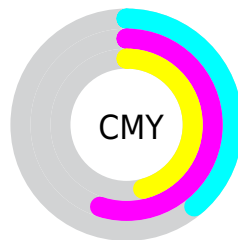


Cyan (0%)

Magenta (26%)

Yellow (10%)

Black (39%)



Cyan (39%)


Magenta (55%)


Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 20.920, 340.655 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, 20.920, 340.655 by changing the saturation by 10% instead.


 53, 20.920,
340.655


 53, 20.920,
340.655


 100, 20.920,
340.655


 43, 20.920,
340.655


 73, 20.920,
340.655

 33, 20.920,
340.655

 83, 20.920,
340.655

 23, 20.920,
340.655

 93, 20.920,
340.655

 13, 20.920,
340.655

 3, 20.920, 340.655

 0, 20.920, 340.655

53, 20.920,
340.655

53, 20.920,
340.655

49, 29.015,
341.586

57, 12.748,
339.805

45, 36.821,
342.622

61, 4.651, 338.991

66, 3.285, 158.436

42, 44.039,
343.801

70, 11.007,
157.706

39, 50.298,
345.175

75, 18.494,
157.076

37, 55.204,
346.821

79, 25.738,
156.493

35, 58.430,
348.840


84, 32.743,
155.950

34, 59.912,
351.333

88, 39.522,
155.441

33, 60.362,

352.435

 93, 46.086,
154.965

Harmonies

Complementary

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



53, 20.920, 340.655



60, 20.538, 156.512

Rectangle

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



53, 20.920, 340.655



53, 20.920, 30.655



53, 20.920, 160.655



53, 20.920, 210.655

Sweetspot

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



53, 20.918, 340.656



77, 7.933, 339.184



51, 24.097, 306.325



40, 5.690, 339.300



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



53, 20.918, 340.656



65, 31.135, 341.183



52, 16.855, 12.310



30, 4.483, 339.270



30, 56.234, 352.146



1, 4.769, 339.102

Inverse Universe

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



53, 20.918, 340.656



65, 31.135, 341.183



61, 14.785, 187.787



30, 4.483, 339.270



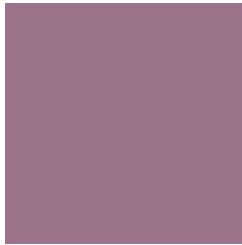
30, 56.234, 352.146



1, 4.769, 339.102

Previews

White Background



This preview shows how the CIE LCh color 53, 20.920, 340.655 looks on a white background.

Color Contrast Check

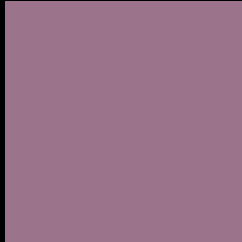
Large Text (above 18pt) WCAG AA ✓ Pass

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, 20.920, 340.655 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, 20.920, 340.655

Background



This preview shows how black text looks on a background with the CIELCh color 53, 20.920, 340.655.



This preview shows how white text looks on a background with the CIELCh color 53, 20.920, 340.655.

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, 20.920, 340.655

Protanopia

53, 11.603, 286.109

Deuteranopia

53, 9.215, 318.797



Tritanopia
53, 15.572, 1.926

Trichromacy



Original Color
53, 20.920, 340.655

Protanomaly
53, 13.206, 313.709

Deuteranomaly
53, 13.553, 330.812

Tritanomaly
53, 17.539, 352.131

Monochromacy



Original Color
53, 20.920, 340.655

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 7.925, 339.389

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 20.920, 340.655 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(155, 115, 139)` looks like.

```
.text, #text, p{  
    color:rgb(155, 115, 139)  
}
```

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(155, 115, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 115, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 20.920, 340.655 is called "border". The border property can be set on classes, ids or directly on the HTML element.

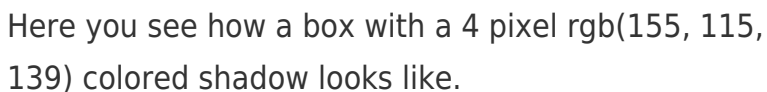
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 115, 139) }
```

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

```
.border{ border-color:rgb(155, 115, 139) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 115, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 115, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 115, 139); box-shadow:4px 4px 4px 4px rgb(155, 115, 139) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 20.920, 340.655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 115, 139) }
```

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

```
.background{ background-color: rgb(155,  
115, 139) }
```

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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