

Converting Colors

CIELCh(53, 26.780, 335.647)

Have a look what the booklet for
CIELCh(53, 26.780, 335.647)
contains.

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Color

CIELCh(53, 26.612, 335.384)

Conversions

Conversions Part 1

Format	Color
Hex	9F7092
RGB	159, 112, 146
RGB Percent	62%, 44%, 57%
CMY	0.3763, 0.5606, 0.4273
CMYK	0.00, 0.30, 0.08, 0.38
HSL	317°, 20%, 53%
HSV	317°, 30%, 62%
XYZ	25.2933, 21.0462, 29.9367
YIQ	129.9290, 17.0980, 20.5380

Conversions

Conversions Part 2

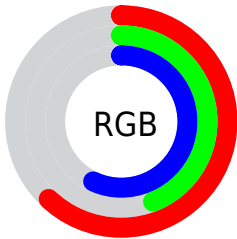
Format	Color
R_{YB}	159, 112, 146
Decimal	10449042
CIE _{Lab}	53.00, 24.19, -11.08
CIE _{LCh}	53, 26.612, 335.384
Yxy	21.0462, 0.3316, 0.2759
Android (android.graphics.Color)	4288639122 (0xFF9F7092)
YUV	129.9290, 7.9230, 25.4953
Hunter-Lab	45.8761, 18.1310, -6.5768

Details

The CIELCh color $53, 26.612, 335.384$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $61, 26.378, 151.070$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 26.726, 335.102$, and $33, 26.689, 335.993$ is the 20% darker color. If you saturate the color by 10%, you get $49, 35.428, 336.159$, and if you desaturate by 10%, it is $57, 17.583, 334.653$.

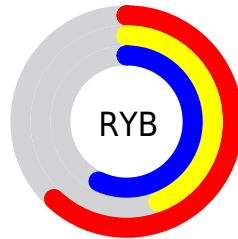
Distribution



Red (62%)

Green (44%)

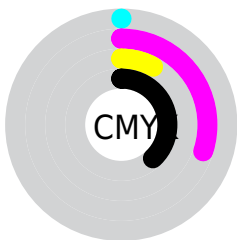
Blue (57%)



Red (62%)

Yellow (44%)

Blue (57%)

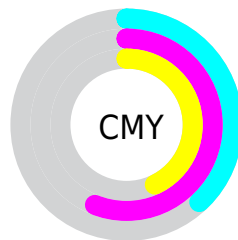


Cyan (0%)

Magenta (30%)

Yellow (8%)

Black (38%)



Cyan (38%)


Magenta (56%)

Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 26.612, 335.384 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, 26.612, 335.384 by changing the saturation by 10% instead.


 53, 26.612,
335.384


 53, 26.612,
335.384


 100, 26.612,
335.384


 43, 26.612,
335.384


 73, 26.612,
335.384


 33, 26.612,
335.384

 83, 26.612,
335.384

 23, 26.612,
335.384

 93, 26.612,
335.384

 13, 26.612,
335.384

 3, 26.612, 335.384

 0, 26.612, 335.384

53, 26.612,
335.384

53, 26.612,
335.384

49, 35.428,
336.159

57, 17.583,
334.653

46, 43.764,
336.988

61, 8.541, 333.949

66, 0.390, 154.050

42, 51.265,
337.888

70, 9.130, 152.748

40, 57.522,
338.887

75, 17.637,
152.151

38, 62.138,
340.027

79, 25.893,
151.597

36, 64.840,
341.363


84, 33.893,
151.076

35, 65.948,
342.906

88, 41.642,
150.586

35, 65.994,

342.975

 93, 49.057,
150.147

Harmonies

Complementary

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



53, 26.612, 335.384



61, 26.378, 151.070

Rectangle

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



53, 26.612, 335.384



53, 26.612, 25.384



53, 26.612, 155.384



53, 26.612, 205.384

Sweetspot

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



53, 26.610, 335.385



78, 9.953, 333.923



50, 27.994, 302.631



41, 6.979, 334.020



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, 26.610, 335.385



65, 38.903, 335.852



52, 20.317, 3.954



31, 5.030, 333.928



31, 61.096, 342.800



1, 6.370, 334.775

Inverse Universe

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



53, 26.610, 335.385



65, 38.903, 335.852



62, 18.237, 177.983



31, 5.030, 333.928



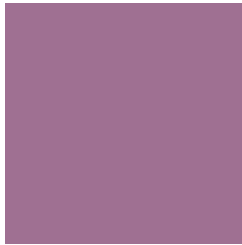
31, 61.096, 342.800



1, 6.370, 334.775

Previews

White Background



This preview shows how the CIELCh color 53, 26.612, 335.384 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 CIELCh color 53, 26.612, 335.384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

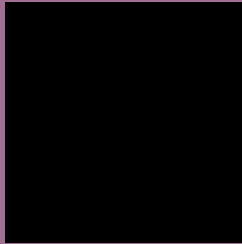
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 26.612, 335.384

Background



This preview shows how black text looks on a background with the CIELCh color 53, 26.612, 335.384.



This preview shows how white text looks on a background with the CIELCh color 53, 26.612, 335.384.

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, 26.612, 335.384

Protanopia

53, 16.855, 284.931

Deuteranopia

53, 11.926, 304.418



Tritanopia
53, 17.179, 4.040

Trichromacy



Original Color
53, 26.612, 335.384

Protanomaly
53, 18.688, 307.237

Deuteranomaly
53, 16.620, 320.751

Tritanomaly
53, 19.715, 350.249

Monochromacy



Original Color
53, 26.612, 335.384

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 10.359, 334.211

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 26.612, 335.384 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(159, 112, 146)` looks like.

```
.text, #text, p{  
    color:rgb(159, 112, 146)  
}
```

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(159, 112, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 112, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 26.612, 335.384 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(159, 112, 146) }
```

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

```
.border{ border-color:rgb(159, 112, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 112, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 112, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 112, 146);  
box-shadow:4px 4px 4px 4px rgb(159, 112,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 26.612, 335.384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 112, 146) }
```

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

```
.background{ background-color: rgb(159,  
112, 146) }
```

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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