Converting Colors

CIELCh(53, 25.689, 334.895)

Have a look what the booklet for CIELCh(53, 25.689, 334.895) contains.

Color

CIELCh(53, 25.689, 334.895)

Conversions

Conversions Part 1

Format	Color
Hex	9E7192
RGB	158, 113, 146
RGB Percent	62%, 44%, 57%
CMY	0.3816, 0.5580, 0.4287
CMYK	0.00, 0.29, 0.08, 0.38
HSL	316°, 19%, 53%
HSV	316°, 29%, 62%
XYZ	25.0742, 21.0462, 29.8088
YIQ	130.2170, 16.2270, 19.8030

Conversions

Conversions Part 2

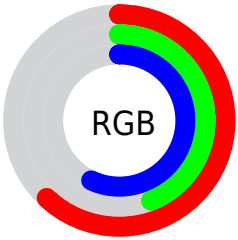
Format	Color
RYB	158, 113, 146
Decimal	10383762
CIELab	53.00, 23.26, -10.90
CIELCh	53, 25.689, 334.895
Yxy	21.0462, 0.3302, 0.2772
Android (android.graphics.Color)	4288573842 (0xFF9E7192)
YUV	130.2170, 7.7810, 24.3657
Hunter-Lab	45.8761, 17.2785, -6.4114

Details

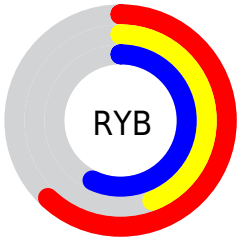
The CIELCh color 53, 25.689, 334.895 is a dark color, and the websafe version is hex 996699. A complement of this color would be 61, 25.484, 150.796, and the grayscale version is 54, 0.007, 296.813.

A 20% lighter version of the original color is 73, 25.839, 334.667, and 33, 25.739, 335.421 is the 20% darker color. If you saturate the color by 10%, you get 49, 34.533, 335.651, and if you desaturate by 10%, it is 57, 16.654, 334.178.

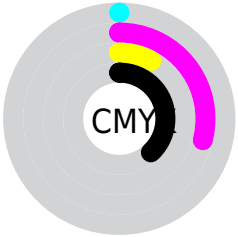
Distribution



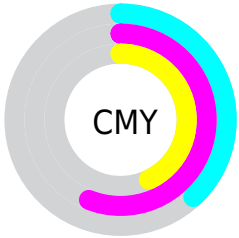
- Red (62%)
- Green (44%)
- Blue (57%)



- Red (62%)
- Yellow (44%)
- Blue (57%)



- Cyan (0%)
- Magenta (29%)
- Yellow (8%)
- Black (38%)



- Cyan (38%)
- Magenta (56%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 25.689, 334.895 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, 25.689, 334.895 by changing the saturation by 10% instead.

53, 25.689, 334.895

100, 25.689, 334.895

73, 25.689, 334.895

83, 25.689, 334.895

93, 25.689, 334.895

53, 25.689, 334.895

43, 25.689, 334.895

33, 25.689, 334.895

23, 25.689, 334.895

13, 25.689, 334.895

3, 25.689, 334.895

0, 25.689, 334.895

53, 25.689, 334.895

49, 34.533, 335.651

46, 42.927, 336.455

42, 50.528, 337.322

40, 56.931, 338.276

38, 61.738, 339.353

36, 64.658, 340.605

35, 65.878, 342.056

35, 66.031,

53, 25.689, 334.895

57, 16.654, 334.178

61, 7.618, 333.484

66, 1.298, 153.093

70, 10.019, 152.302

75, 18.507, 151.715

79, 26.742, 151.168

84, 34.723, 150.654

88, 42.455, 150.169

342.274

93, 49.949, 149.713

Harmonies

Complementary

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

53, 25.689, 334.895

61, 25.484, 150.796

Rectangle

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

53, 25.689, 334.895

53, 25.689, 24.895

53, 25.689, 154.895

53, 25.689, 204.895

Sweetspot

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

53, 25.687, 334.896

77, 9.924, 333.529

50, 26.746, 301.977

40, 6.887, 333.624

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, 25.687, 334.896

65, 37.690, 335.353

52, 19.533, 2.584

31, 5.066, 333.535

31, 61.505, 342.121

1, 6.417, 334.363

Inverse Universe

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

53, 25.687, 334.896

65, 37.690, 335.353

62, 17.705, 176.838

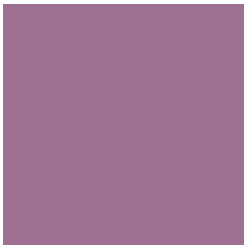
31, 5.066, 333.535

31, 61.505, 342.121

1, 6.417, 334.363

Previews

White Background

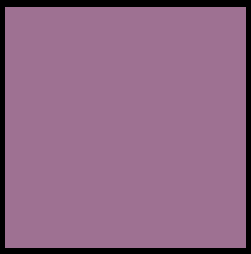


This preview shows how the CIELCh color 53, 25.689, 334.895 looks on a white background.

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



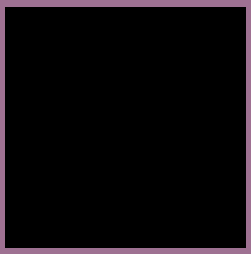
This preview shows how the CIELCh color 53, 25.689, 334.895 looks on a black background.

Color Contrast Check

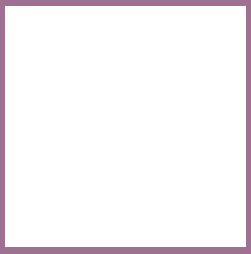
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

CIELCh 53, 25.689, 334.895 Background



This preview shows how black text looks on a background with the CIELCh color 53, 25.689, 334.895.

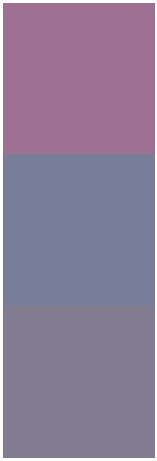


This preview shows how white text looks on a background with the CIELCh color 53, 25.689, 334.895.

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, 25.689, 334.895

Protanopia
53, 16.284, 284.579

Deuteranopia
53, 11.926, 304.418

Tritanopia
53, 16.781, 3.548

Trichromacy

Original Color
53, 25.689, 334.895

Protanomaly
53, 18.133, 307.689

Deuteranomaly
53, 16.620, 320.751

Tritanomaly
53, 19.374, 349.554

Monochromacy

Original Color
53, 25.689, 334.895

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 9.395, 333.035

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 25.689, 334.895 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(158, 113, 146) looks like.

```
.text, #text, p{
    color:rgb(158, 113, 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(158, 113, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 113, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 25.689, 334.895 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(158, 113, 146) }
```

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

```
.border{ border-color:rgb(158, 113, 146) }
```

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

Here you see how a box with a 4 pixel rgb(158, 113, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 113, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 113, 146); box-shadow:4px 4px 4px 4px rgb(158, 113, 146) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 25.689, 334.895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(158, 113, 146) }
```

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

```
.background{ background-color:rgb(158,
113, 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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