

Converting Colors

CIELCh(53, 11.171, 2.625)

Have a look what the booklet for
CIELCh(53, 11.171, 2.625) contains.

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Color

CIELCh(53, 11.131, 2.646)

Conversions

Conversions Part 1

Format	Color
Hex	92787E
RGB	146, 120, 126
RGB Percent	57%, 47%, 49%
CMY	0.4275, 0.5294, 0.5059
CMYK	0.00, 0.18, 0.14, 0.43
HSL	346°, 11%, 52%
HSV	346°, 18%, 57%
XYZ	22.3323, 21.0462, 22.6200
YIQ	128.4580, 13.5700, 7.3780

Conversions

Conversions Part 2

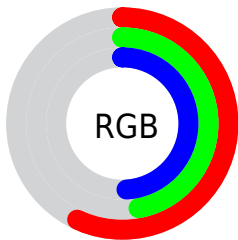
Format	Color
R_{YB}	146, 120, 126
Decimal	9599102
CIE Lab	53.00, 11.12, 0.51
CIE LCh	53, 11.131, 2.646
Yxy	21.0462, 0.3384, 0.3189
Android (android.graphics.Color)	4287789182 (0xFF92787E)
YUV	128.4580, -1.2118, 15.3843
Hunter-Lab	45.8761, 6.6097, 2.8793

Details

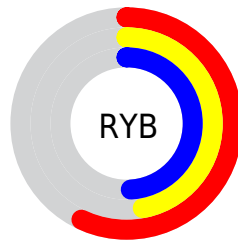
The CIELCh color $53, 11.131, 2.646$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $58, 10.450, 179.373$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 11.305, 0.849$, and $33, 11.317, 1.988$ is the 20% darker color. If you saturate the color by 10%, you get $49, 17.748, 3.884$, and if you desaturate by 10%, it is $57, 4.767, 1.568$.

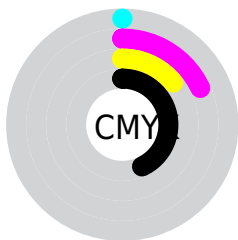
Distribution



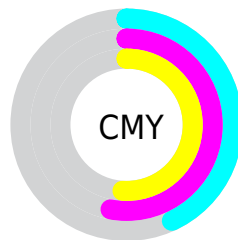
- Red (57%)
- Green (47%)
- Blue (49%)



- Red (57%)
- Yellow (47%)
- Blue (49%)



- Cyan (0%)
- Magenta (18%)
- Yellow (14%)
- Black (43%)



- Cyan (43%)
- Magenta (53%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 11.131, 2.646 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, 11.131, 2.646 by changing the saturation by 10% instead.

 53, 11.131, 2.646  53, 11.131, 2.646

 100, 11.131, 2.646  43, 11.131, 2.646

 73, 11.131, 2.646  33, 11.131, 2.646

 83, 11.131, 2.646  23, 11.131, 2.646

 93, 11.131, 2.646  13, 11.131, 2.646

 3, 11.131, 2.646

 0, 11.131, 2.646

 53, 11.131, 2.646  53, 11.131, 2.646

 49, 17.748, 3.884  57, 4.767, 1.568

 45, 24.544, 5.350  61, 1.301, 181.062

41, 31.379, 7.136

66, 7.067, 180.030

38, 38.049, 9.352

70, 12.539,
179.310

35, 44.298, 12.136

75, 17.735,
178.679

33, 49.868, 15.634

31, 54.603, 19.953

79, 22.677,
178.113

30, 58.685, 24.885

83, 27.387,
177.600

30, 59.622, 25.903

88, 31.890,
177.131

92, 36.205,
176.700

Harmonies

Complementary

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



53, 11.131, 2.646



58, 10.450, 179.373

Rectangle

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



53, 11.131, 2.646



53, 11.131, 52.646



53, 11.131, 182.646



53, 11.131, 232.646

Sweetspot

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



53, 11.129, 2.652



74, 3.740, 1.269



53, 16.934, 318.548



38, 2.547, 1.341



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



53, 11.129, 2.652



66, 16.310, 3.075



55, 8.870, 46.579



29, 3.498, 1.717



28, 57.004, 25.572



1, 2.995, 0.936

Inverse Universe

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



53, 11.129, 2.652



66, 16.310, 3.075



57, 7.992, 228.668



29, 3.498, 1.717



28, 57.004, 25.572



1, 2.995, 0.936

Previews

White Background



This preview shows how the CIELCh color 53, 11.131, 2.646 looks on a white background.

Color Contrast Check

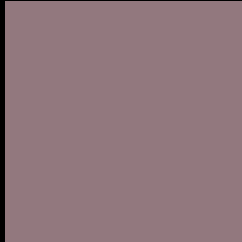
Large Text (above 18pt) WCAG AA ✓ Pass

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, 11.131, 2.646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

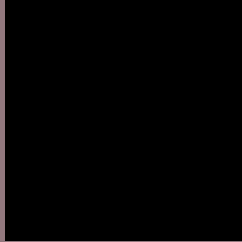
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 11.131, 2.646

Background



This preview shows how black text looks on a background with the CIELCh color 53, 11.131, 2.646.



This preview shows how white text looks on a background with the CIELCh color 53, 11.131, 2.646.

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, 11.131, 2.646

Protanopia

53, 1.922, 314.697

Deuteranopia

53, 6.598, 10.054



Tritanopia
53, 11.705, 354.520

Trichromacy



Original Color
53, 11.131, 2.646

Protanomaly
53, 4.990, 352.360

Deuteranomaly
53, 8.323, 8.362

Tritanomaly
53, 11.487, 357.134

Monochromacy



Original Color
53, 11.131, 2.646

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 4.187, 3.818

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 11.131, 2.646 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(146, 120, 126)` looks like.

```
.text, #text, p{  
    color:rgb(146, 120, 126)  
}
```

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(146, 120, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 120, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 11.131, 2.646 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(146, 120, 126) }
```

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

```
.border{ border-color:rgb(146, 120, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 120, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 120, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 120, 126);  
box-shadow:4px 4px 4px 4px rgb(146, 120,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 11.131, 2.646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 120, 126) }
```

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

```
.background{ background-color: rgb(146,  
120, 126) }
```

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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