

Converting Colors

CIELCh(53, 11.624, 1.307)

Have a look what the booklet for
CIELCh(53, 11.624, 1.307) contains.

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Color

CIELCh(53, 11.526, 3.344)

Conversions

Conversions Part 1

Format	Color
Hex	93787E
RGB	147, 120, 126
RGB Percent	58%, 47%, 49%
CMY	0.4246, 0.5304, 0.5069
CMYK	0.00, 0.18, 0.14, 0.42
HSL	347°, 11%, 52%
HSV	347°, 18%, 58%
XYZ	22.4165, 21.0462, 22.5294
YIQ	128.7570, 14.1660, 7.5900

Conversions

Conversions Part 2

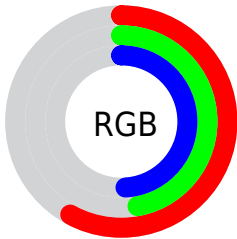
Format	Color
R _Y B	147, 120, 126
Decimal	9664638
CIE Lab	53.00, 11.51, 0.67
CIE LCh	53, 11.526, 3.344
Yxy	21.0462, 0.3397, 0.3189
Android (android.graphics.Color)	4287854718 (0xFF93787E)
YUV	128.7570, -1.3592, 15.9991
Hunter-Lab	45.8761, 6.9373, 2.9964

Details

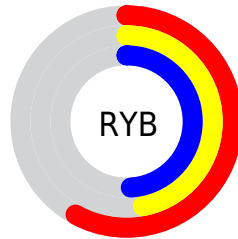
The CIELCh color **53, 11.526, 3.344** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **59, 10.777, 179.959**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 11.669, 1.527**, and **33, 11.746, 2.819** is the 20% darker color. If you saturate the color by 10%, you get **49, 18.175, 4.595**, and if you desaturate by 10%, it is **57, 5.135, 2.262**.

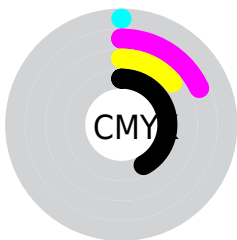
Distribution



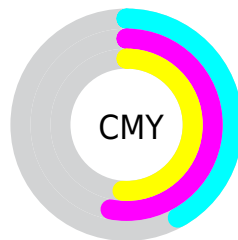
- Red (58%)
- Green (47%)
- Blue (49%)



- Red (58%)
- Yellow (47%)
- Blue (49%)



- Cyan (0%)
- Magenta (18%)
- Yellow (14%)
- Black (42%)



- Cyan (42%)
- Magenta (53%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 11.526, 3.344 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, 11.526, 3.344 by changing the saturation by 10% instead.

 53, 11.526, 3.344  53, 11.526, 3.344

 100, 11.526, 3.344  43, 11.526, 3.344

 73, 11.526, 3.344  33, 11.526, 3.344


 83, 11.526, 3.344  23, 11.526, 3.344

 93, 11.526, 3.344  13, 11.526, 3.344

 3, 11.526, 3.344

 0, 11.526, 3.344

 53, 11.526, 3.344  53, 11.526, 3.344

 49, 18.175, 4.595  57, 5.135, 2.262

 45, 25.006, 6.082  62, 0.955, 181.860

41, 31.878, 7.899	66, 6.737, 180.714
38, 38.584, 10.158	70, 12.220, 179.992
35, 44.867, 12.998	75, 17.422, 179.361
33, 50.475, 16.564	79, 22.366, 178.796
31, 55.261, 20.949	83, 27.075, 178.285
30, 59.450, 25.878	88, 31.574, 177.819
30, 60.156, 26.617	92, 35.883, 177.391

Harmonies

Complementary

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



53, 11.526, 3.344



59, 10.777, 179.959

Rectangle

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



53, 11.526, 3.344



53, 11.526, 53.344



53, 11.526, 183.344



53, 11.526, 233.344

Sweetspot

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



53, 11.524, 3.349



74, 4.532, 2.017



53, 17.571, 318.574



39, 3.034, 2.080



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



53, 11.524, 3.349



66, 17.266, 3.831



55, 9.220, 46.557



29, 3.486, 2.348



28, 57.288, 26.261



1, 2.984, 1.570

Inverse Universe

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



53, 11.524, 3.349



66, 17.266, 3.831



57, 8.276, 228.716



29, 3.486, 2.348



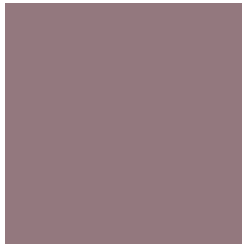
28, 57.288, 26.261



1, 2.984, 1.570

Previews

White Background



This preview shows how the CIELCh color 53, 11.526, 3.344 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, 11.526, 3.344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

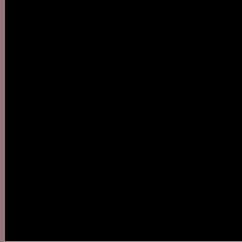
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 11.526, 3.344

Background



This preview shows how black text looks on a background with the CIELCh color 53, 11.526, 3.344.



This preview shows how white text looks on a background with the CIELCh color 53, 11.526, 3.344.

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, 11.526, 3.344

Protanopia

53, 1.922, 314.697

Deuteranopia

53, 6.598, 10.054



Tritanopia
53, 12.685, 353.928

Trichromacy



Original Color
53, 11.526, 3.344

Protanomaly
53, 4.990, 352.360

Deuteranomaly
53, 8.323, 8.362

Tritanomaly
53, 12.462, 356.328

Monochromacy



Original Color
53, 11.526, 3.344

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, 11.526, 3.344 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(147, 120, 126)` looks like.

```
.text, #text, p{  
    color:rgb(147, 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(147, 120, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 120, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 11.526, 3.344 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(147, 120, 126) }
```

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

```
.border{ border-color:rgb(147, 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(147, 120, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 120, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 120, 126);  
box-shadow:4px 4px 4px 4px rgb(147, 120,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 11.526, 3.344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 120, 126) }
```

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

```
.background{ background-color: rgb(147,  
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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