

Converting Colors

CIELCh(32, 11.828, 2.908)

Have a look what the booklet for
CIELCh(32, 11.828, 2.908) contains.

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Color

CIELCh(32, 11.800, 2.878)

Conversions

Conversions Part 1

Format	Color
Hex	5E454B
RGB	94, 69, 75
RGB Percent	37%, 27%, 29%
CMY	0.6326, 0.7306, 0.7071
CMYK	0.00, 0.27, 0.20, 0.63
HSL	346°, 15%, 32%
HSV	346°, 27%, 37%
XYZ	7.9518, 7.0852, 7.5500
YIQ	77.1590, 12.9740, 7.1660

Conversions

Conversions Part 2

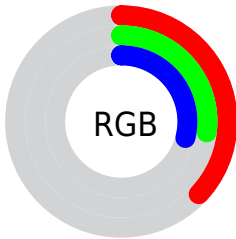
Format	Color
R_{YB}	94, 69, 75
Decimal	6178123
CIE Lab	32.00, 11.79, 0.59
CIE LCh	32, 11.800, 2.878
Yxy	7.0852, 0.3521, 0.3137
Android (android.graphics.Color)	4284368203 (0xFF5E454B)
YUV	77.1590, -1.0644, 14.7696
Hunter-Lab	26.6180, 6.7433, 1.8153

Details

The CIELCh color **32, 11.800, 2.878** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **38, 10.792, 177.920**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **52, 12.125, 1.406**, and **12, 11.341, 4.785** is the 20% darker color. If you saturate the color by 10%, you get **29, 16.497, 4.211**, and if you desaturate by 10%, it is **35, 7.227, 1.747**.

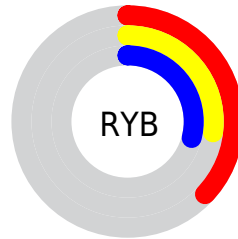
Distribution



 Red (37%)

 Green (27%)

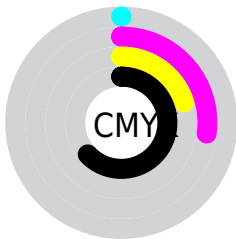
 Blue (29%)



 Red (37%)

 Yellow (27%)

 Blue (29%)

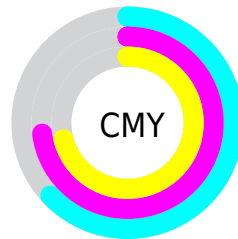


 Cyan (0%)

 Magenta (27%)

 Yellow (20%)

 Black (63%)



 Cyan (63%)



 Magenta (73%)


 Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 32, 11.800, 2.878 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 32, 11.800, 2.878 by changing the saturation by 10% instead.

 32, 11.800, 2.878  32, 11.800, 2.878

 100, 11.800, 2.878  22, 11.800, 2.878

 52, 11.800, 2.878  12, 11.800, 2.878


 62, 11.800, 2.878  2, 11.800, 2.878

 72, 11.800, 2.878  0, 11.800, 2.878

 82, 11.800, 2.878

 92, 11.800, 2.878

 32, 11.800, 2.878  32, 11.800, 2.878

 29, 16.497, 4.211  35, 7.227, 1.747

 27, 21.245, 5.802  38, 2.828, 0.722

■ 24, 25.924, 7.744

■ 41, 1.378, 180.191

■ 22, 30.379, 10.146

■ 44, 5.387, 179.293

■ 20, 34.439, 13.138

■ 47, 9.204, 178.606

■ 19, 37.966, 16.841

■ 50, 12.840,
177.999

■ 18, 41.209, 20.904

■ 53, 16.308,
177.451

■ 18, 42.390, 22.114

■ 56, 19.622,
176.951

■ 59, 22.797,
176.493

Harmonies

Complementary

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



32, 11.800, 2.878



38, 10.792, 177.920

Rectangle

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



32, 11.800, 2.878



32, 11.800, 52.878



32, 11.800, 182.878



32, 11.800, 232.878

Sweetspot

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



32, 11.799, 2.882



48, 4.245, 0.886



32, 17.627, 318.359



24, 2.996, 0.997



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



32, 11.799, 2.882



40, 17.843, 3.698



34, 9.564, 44.488



17, 2.349, 0.942



21, 47.691, 23.327



50, 86.403, 27.276

Inverse Universe

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



32, 11.799, 2.882



40, 17.843, 3.698



36, 8.164, 227.105



17, 2.349, 0.942



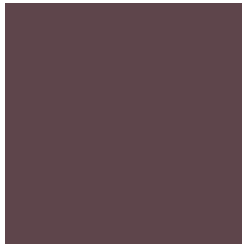
21, 47.691, 23.327



50, 86.403, 27.276

Previews

White Background



This preview shows how the CIE LCh color 32, 11.800, 2.878 looks on a white 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 ✓ Pass

Black Background



This preview shows how the CIE LCh color 32, 11.800, 2.878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 11.800, 2.878

Background



This preview shows how black text looks on a background with the CIELCh color 32, 11.800, 2.878.

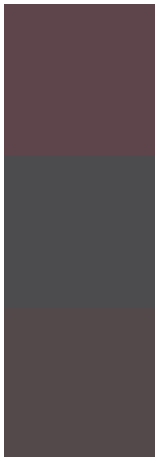


This preview shows how white text looks on a background with the CIELCh color 32, 11.800, 2.878.

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

32, 11.800, 2.878

Protanopia

32, 1.957, 303.220

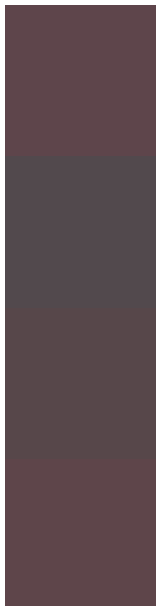
Deuteranopia

32, 4.494, 12.019



Tritanopia
32, 11.668, 5.855

Trichromacy



Original Color
32, 11.800, 2.878

Protanomaly
32, 4.698, 347.590

Deuteranomaly
32, 7.400, 5.839

Tritanomaly
32, 11.668, 5.855

Monochromacy



Original Color
32, 11.800, 2.878

Achromatopsia
33, 0.005, 296.813

Achromatomaly
32, 4.170, 2.446

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 11.800, 2.878 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(94, 69, 75)` looks like.

```
.text, #text, p{  
    color:rgb(94, 69, 75)  
}
```

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(94, 69, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 69, 75) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 11.800, 2.878 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(94, 69, 75) }
```

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

```
.border{ border-color:rgb(94, 69, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 69, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 69, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 69, 75);  
box-shadow:4px 4px 4px 4px rgb(94, 69, 75)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 11.800, 2.878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 69, 75) }
```

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

```
.background{ background-color: rgb(94, 69,  
75) }
```

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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