

Converting Colors

CIELCh(32, 15.189, 338.697)

Have a look what the booklet for
CIELCh(32, 15.189, 338.697)
contains.

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Color

CIELCh(32, 14.716, 338.716)

Conversions

Conversions Part 1

Format	Color
Hex	5D4454
RGB	93, 68, 84
RGB Percent	36%, 27%, 33%
CMY	0.6356, 0.7337, 0.6709
CMYK	0.00, 0.27, 0.10, 0.64
HSL	322°, 16%, 32%
HSV	322°, 27%, 36%
XYZ	8.1639, 7.0852, 9.3069
YIQ	77.2990, 9.7640, 10.2760

Conversions

Conversions Part 2

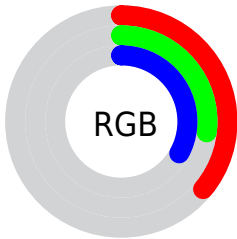
Format	Color
R_{YB}	93, 68, 84
Decimal	6112340
CIE _{Lab}	32.00, 13.71, -5.34
CIE _{LCh}	32, 14.716, 338.716
Yxy	7.0852, 0.3325, 0.2885
Android (android.graphics.Color)	4284302420 (0xFF5D4454)
YUV	77.2990, 3.3036, 13.7698
Hunter-Lab	26.6180, 8.1656, -2.0979

Details

The CIELCh color **32, 14.716, 338.716** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **37, 14.506, 154.791**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **52, 15.240, 338.086**, and **12, 14.890, 338.027** is the 20% darker color. If you saturate the color by 10%, you get **29, 20.172, 339.537**, and if you desaturate by 10%, it is **35, 9.204, 337.955**.

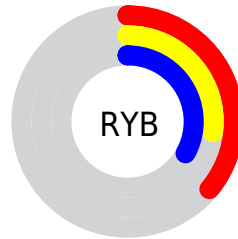
Distribution



 Red (36%)

 Green (27%)

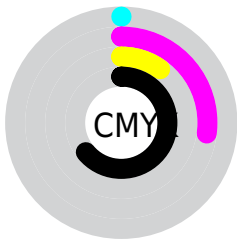
 Blue (33%)



 Red (36%)

 Yellow (27%)

 Blue (33%)

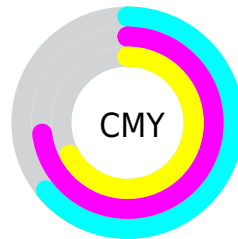


 Cyan (0%)

 Magenta (27%)

 Yellow (10%)

 Black (64%)



 Cyan (64%)


 Magenta (73%)


 Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 14.716, 338.716 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, 14.716, 338.716 by changing the saturation by 10% instead.


 32, 14.716,
338.716


 32, 14.716,
338.716


 100, 14.716,
338.716


 22, 14.716,
338.716


 52, 14.716,
338.716


 12, 14.716,
338.716


 62, 14.716,
338.716

 2, 14.716, 338.716

 72, 14.716,
338.716

 0, 14.716, 338.716

 82, 14.716,
338.716

 92, 14.716,
338.716

32, 14.716,
338.716

32, 14.716,
338.716

29, 20.172,
339.537

35, 9.204, 337.955

27, 25.448,
340.432

37, 3.730, 337.221

25, 30.369,
341.426

40, 1.652, 156.745

23, 34.717,
342.552

46, 12.015,
155.445

21, 38.256,
343.861

49, 16.974,
154.897

20, 40.772,
345.417

52, 21.781,
154.383

19, 42.562,
347.152

55, 26.442,
153.899

19, 43.159,

58, 30.965,

347.665

153.444

Harmonies

Complementary

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



32, 14.716, 338.716



37, 14.506, 154.791

Rectangle

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



32, 14.716, 338.716



32, 14.716, 28.716



32, 14.716, 158.716



32, 14.716, 208.716

Sweetspot

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



32, 14.715, 338.717



48, 5.339, 337.322



31, 16.423, 305.162



24, 3.828, 337.404



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, 14.715, 338.717



40, 21.595, 339.207



32, 11.578, 9.694



17, 3.003, 337.364



23, 48.295, 348.208



52, 84.101, 350.008

Inverse Universe

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



32, 14.715, 338.717



40, 21.595, 339.207



37, 10.287, 185.014



17, 3.003, 337.364



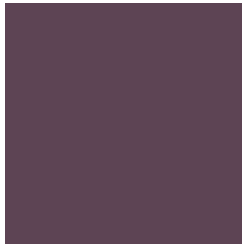
23, 48.295, 348.208



52, 84.101, 350.008

Previews

White Background



This preview shows how the CIE LCh color 32, 14.716, 338.716 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 CIELCh color 32, 14.716, 338.716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

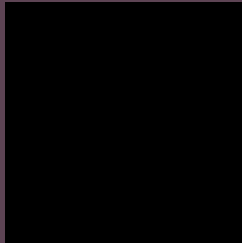
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 14.716, 338.716

Background



This preview shows how black text looks on a background with the CIELCh color 32, 14.716, 338.716.



This preview shows how white text looks on a background with the CIELCh color 32, 14.716, 338.716.

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, 14.716, 338.716

Protanopia

32, 8.258, 286.010

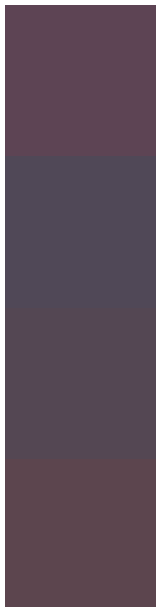
Deuteranopia

32, 6.867, 312.934



Tritanopia
32, 10.326, 3.488

Trichromacy



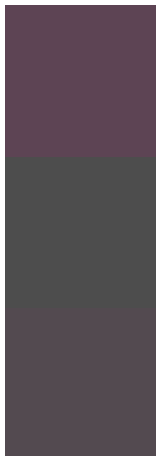
Original Color
32, 14.716, 338.716

Protanomaly
32, 10.134, 310.924

Deuteranomaly
32, 9.452, 327.374

Tritanomaly
32, 11.606, 352.236

Monochromacy



Original Color
32, 14.716, 338.716

Achromatopsia
33, 0.005, 296.813

Achromatomaly
33, 5.458, 336.330

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 14.716, 338.716 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(93, 68, 84)` looks like.

```
.text, #text, p{  
    color:rgb(93, 68, 84)  
}
```

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(93, 68, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 68, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 14.716, 338.716 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(93, 68, 84) }
```

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

```
.border{ border-color:rgb(93, 68, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 68, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 68, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 68, 84);  
box-shadow:4px 4px 4px 4px rgb(93, 68, 84)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 14.716, 338.716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 68, 84) }
```

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

```
.background{ background-color: rgb(93, 68,  
84) }
```

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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