

Converting Colors

CIELCh(32, 13.564, 343.112)

Have a look what the booklet for
CIELCh(32, 13.564, 343.112)
contains.

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Color

CIELCh(32, 13.951, 342.646)

Conversions

Conversions Part 1

Format	Color
Hex	5D4452
RGB	93, 68, 82
RGB Percent	36%, 27%, 32%
CMY	0.6350, 0.7330, 0.6781
CMYK	0.00, 0.27, 0.12, 0.63
HSL	326°, 16%, 32%
HSV	326°, 27%, 37%
XYZ	8.1200, 7.0852, 8.9377
YIQ	77.0710, 10.4060, 9.6540

Conversions

Conversions Part 2

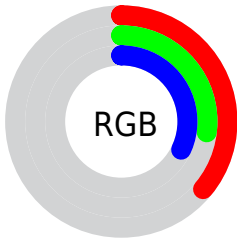
Format	Color
R_{YB}	93, 68, 82
Decimal	6112338
CIE Lab	32.00, 13.32, -4.16
CIE LCh	32, 13.951, 342.646
Yxy	7.0852, 0.3363, 0.2935
Android (android.graphics.Color)	4284302418 (0xFF5D4452)
YUV	77.0710, 2.4300, 13.9697
Hunter-Lab	26.6180, 7.8710, -1.2757

Details

The CIELCh color $[32, 13.951, 342.646]$ is a dark color, and the websafe version is hex $\#333333$. A complement of this color would be $[37, 13.637, 158.410]$, and the grayscale version is $[33, 0.005, 296.813]$.

A 20% lighter version of the original color is $[52, 14.173, 343.349]$, and $[12, 13.253, 343.307]$ is the 20% darker color. If you saturate the color by 10%, you get $[29, 19.168, 343.582]$, and if you desaturate by 10%, it is $[35, 8.703, 341.796]$.

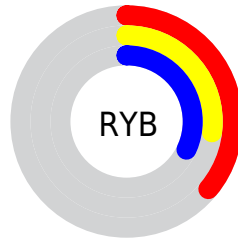
Distribution



 Red (36%)

 Green (27%)

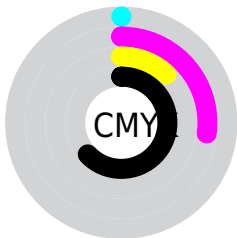
 Blue (32%)



 Red (36%)

 Yellow (27%)

 Blue (32%)

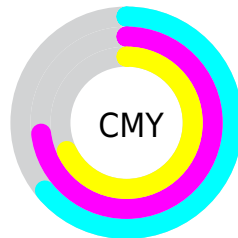


 Cyan (0%)

 Magenta (27%)

 Yellow (12%)

 Black (63%)



 Cyan (64%)


 Magenta (73%)

 Yellow (68%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 32, 13.951, 342.646 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 32, 13.951, 342.646 by changing the saturation by 10% instead.


 32, 13.951,
342.646


 32, 13.951,
342.646

 100, 13.951,
342.646


 22, 13.951,
342.646

 52, 13.951,
342.646


 12, 13.951,
342.646


 62, 13.951,
342.646

 2, 13.951, 342.646

 72, 13.951,
342.646

 0, 13.951, 342.646

 82, 13.951,
342.646

 92, 13.951,
342.646

32, 13.951,
342.646

32, 13.951,
342.646

29, 19.168,
343.582

35, 8.703, 341.796

27, 24.236,
344.628

38, 3.509, 340.989

25, 28.986,
345.822

40, 1.580, 160.482

23, 33.211,
347.215

46, 11.344,
159.092

21, 36.677,
348.879

49, 16.000,
158.515

20, 39.177,
350.910

52, 20.507,
157.978

19, 41.001,
353.206

55, 24.871,
157.475

18, 41.625,

58, 29.100,

353.891

157.004

Harmonies

Complementary

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



32, 13.951, 342.646



37, 13.637, 158.410

Rectangle

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



32, 13.951, 342.646



32, 13.951, 32.646



32, 13.951, 162.646



32, 13.951, 212.646

Sweetspot

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



32, 13.950, 342.647



48, 5.045, 341.102



31, 16.610, 308.006



24, 3.618, 341.192



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, 13.950, 342.647



39, 20.495, 343.206



32, 11.507, 16.152



17, 2.838, 341.148



22, 46.545, 354.621



52, 81.247, 357.065

Inverse Universe

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



32, 13.950, 342.647



39, 20.495, 343.206



38, 9.949, 192.160



17, 2.838, 341.148



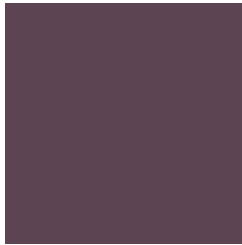
22, 46.545, 354.621



52, 81.247, 357.065

Previews

White Background



This preview shows how the CIELCh color 32, 13.951, 342.646 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, 13.951, 342.646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

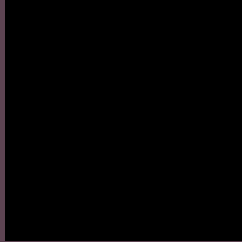
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 13.951, 342.646

Background



This preview shows how black text looks on a background with the CIELCh color 32, 13.951, 342.646.



This preview shows how white text looks on a background with the CIELCh color 32, 13.951, 342.646.

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

32, 13.951, 342.646

Protanopia

32, 6.973, 288.041

Deuteranopia

32, 5.922, 321.408



Tritanopia
32, 10.941, 1.155

Trichromacy



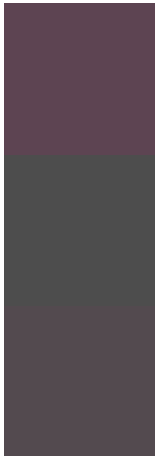
Original Color
32, 13.951, 342.646

Protanomaly
32, 9.120, 316.068

Deuteranomaly
32, 8.778, 334.724

Tritanomaly
32, 11.606, 352.236

Monochromacy



Original Color
32, 13.951, 342.646

Achromatopsia
33, 0.005, 296.813

Achromatomaly
32, 5.047, 341.518

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 13.951, 342.646 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(93, 68, 82)` looks like.

```
.text, #text, p{  
    color:rgb(93, 68, 82)  
}
```

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, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 68, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 13.951, 342.646 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(93, 68, 82) }
```

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

```
.border{ border-color:rgb(93, 68, 82) }
```

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, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 68, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 68, 82);  
box-shadow:4px 4px 4px 4px rgb(93, 68, 82)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 13.951, 342.646 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, 82) }
```

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

```
.background{ background-color: rgb(93, 68,  
82) }
```

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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