

Converting Colors

CIELCh(32, 12.976, 347.547)

Have a look what the booklet for
CIELCh(32, 12.976, 347.547)
contains.

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Color

CIELCh(32, 13.266, 347.033)

Conversions

Conversions Part 1

Format	Color
Hex	5D4450
RGB	93, 68, 80
RGB Percent	36%, 27%, 31%
CMY	0.6343, 0.7324, 0.6853
CMYK	0.00, 0.27, 0.14, 0.63
HSL	331°, 15%, 32%
HSV	331°, 27%, 37%
XYZ	8.0771, 7.0852, 8.5773
YIQ	76.8430, 11.0480, 9.0320

Conversions

Conversions Part 2

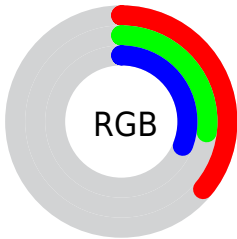
Format	Color
R_{YB}	93, 68, 80
Decimal	6112336
CIE Lab	32.00, 12.93, -2.98
CIE LCh	32, 13.266, 347.033
Yxy	7.0852, 0.3402, 0.2985
Android (android.graphics.Color)	4284302416 (0xFF5D4450)
YUV	76.8430, 1.5564, 14.1697
Hunter-Lab	26.6180, 7.5835, -0.4729

Details

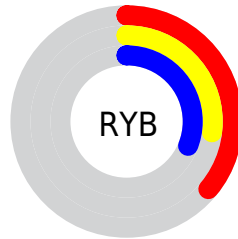
The CIELCh color **32, 13.266, 347.033** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **37, 12.820, 162.485**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **52, 13.542, 347.314**, and **12, 12.876, 345.924** is the 20% darker color. If you saturate the color by 10%, you get **29, 18.281, 348.091**, and if you desaturate by 10%, it is **35, 8.249, 346.090**.

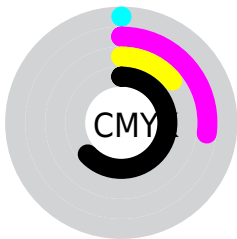
Distribution



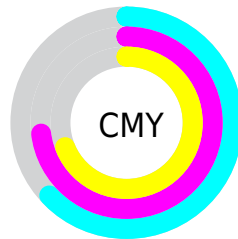
- Red (36%)
- Green (27%)
- Blue (31%)



- Red (36%)
- Yellow (27%)
- Blue (31%)



- Cyan (0%)
- Magenta (27%)
- Yellow (14%)
- Black (63%)





- Cyan (63%)
- Magenta (73%)
- Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 13.266, 347.033 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, 13.266, 347.033 by changing the saturation by 10% instead.


 32, 13.266,
347.033


 32, 13.266,
347.033

 100, 13.266,
347.033


 22, 13.266,
347.033

 52, 13.266,
347.033


 12, 13.266,
347.033


 62, 13.266,
347.033

 2, 13.266, 347.033

 72, 13.266,
347.033

 0, 13.266, 347.033

 82, 13.266,
347.033

 92, 13.266,
347.033

32, 13.266,
347.033

32, 13.266,
347.033

29, 18.281,
348.091

35, 8.249, 346.090

27, 23.185,
349.298

38, 3.308, 345.207

25, 27.819,
350.706

41, 1.513, 164.672

22, 31.983,
352.386

46, 10.714,
163.192

21, 35.455,
354.433

49, 15.083,
162.589

19, 38.039,
356.969

52, 19.302,
162.030

18, 40.021,
359.852

55, 23.378,
161.510

18, 40.714, 0.716

58, 27.320,

Harmonies

Complementary

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



32, 13.266, 347.033



37, 12.820, 162.485

Rectangle

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



32, 13.266, 347.033



32, 13.266, 37.033



32, 13.266, 167.033



32, 13.266, 217.033

Sweetspot

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



32, 13.265, 347.035



48, 4.861, 345.335



31, 16.836, 310.812



24, 3.426, 345.432



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, 13.265, 347.035



40, 19.858, 347.675



32, 11.382, 22.582



17, 2.688, 345.384



22, 45.540, 1.633



51, 79.963, 4.714

Inverse Universe

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



32, 13.265, 347.035



40, 19.858, 347.675



38, 9.621, 199.725



17, 2.688, 345.384



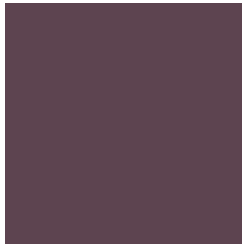
22, 45.540, 1.633



51, 79.963, 4.714

Previews

White Background



This preview shows how the CIELCh color 32, 13.266, 347.033 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, 13.266, 347.033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

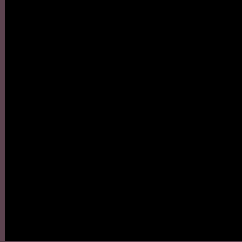
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 13.266, 347.033

Background



This preview shows how black text looks on a background with the CIELCh color 32, 13.266, 347.033.



This preview shows how white text looks on a background with the CIELCh color 32, 13.266, 347.033.

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, 13.266, 347.033

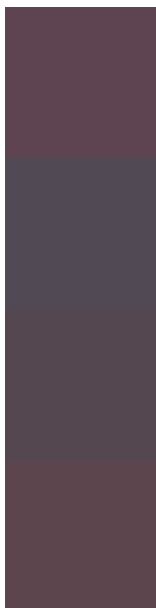
Protanopia
32, 5.711, 287.031

Deuteranopia
32, 5.167, 332.889



Tritanopia
32, 11.369, 2.045

Trichromacy



Original Color
32, 13.266, 347.033

Protanomaly
32, 7.227, 319.281

Deuteranomaly
32, 7.944, 341.170

Tritanomaly
32, 11.756, 356.159

Monochromacy



Original Color
32, 13.266, 347.033

Achromatopsia
33, 0.005, 296.813

Achromatomaly
32, 4.687, 347.580

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 13.266, 347.033 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, 80)` looks like.

```
.text, #text, p{  
    color:rgb(93, 68, 80)  
}
```

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, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 68, 80) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 13.266, 347.033 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, 80) }
```

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

```
.border{ border-color:rgb(93, 68, 80) }
```

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, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 68, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 68, 80);  
box-shadow:4px 4px 4px 4px rgb(93, 68, 80)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 13.266, 347.033 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, 80) }
```

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

```
.background{ background-color: rgb(93, 68,  
80) }
```

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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