

Converting Colors

CIELCh(16, 14.973, 353.317)

Have a look what the booklet for
CIELCh(16, 14.973, 353.317)
contains.

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Color

CIELCh(16, 14.957, 353.323)

Conversions

Conversions Part 1

Format	Color
Hex	3B202B
RGB	59, 32, 43
RGB Percent	23%, 13%, 17%
CMY	0.7704, 0.8761, 0.8330
CMYK	0.00, 0.46, 0.27, 0.77
HSL	336°, 30%, 18%
HSV	336°, 46%, 23%
XYZ	2.7120, 2.0993, 2.5088
YIQ	41.3270, 12.5610, 9.1450

Conversions

Conversions Part 2

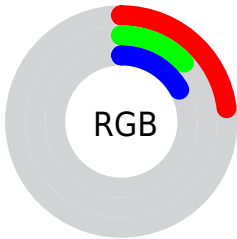
Format	Color
RYB	59, 32, 43
Decimal	3874859
CIELab	16.00, 14.86, -1.74
CIELCh	16, 14.957, 353.323
Yxy	2.0993, 0.3705, 0.2868
Android (android.graphics.Color)	4282064939 (0xFF3B202B)
YUV	41.3270, 0.8248, 15.4992
Hunter-Lab	14.4890, 8.0549, -0.1240

Details

The CIELCh color **16, 14.957, 353.323** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **22, 13.875, 164.878**, and the grayscale version is **17, 0.003, 296.813**.

A 20% lighter version of the original color is **36, 14.614, 354.237**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **14, 18.144, 354.698**, and if you desaturate by 10%, it is **18, 11.672, 352.143**.

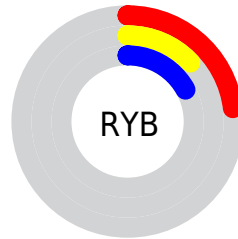
Distribution



 Red (23%)

 Green (13%)

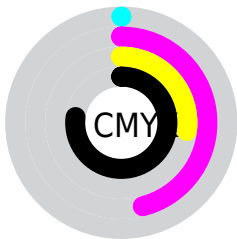
 Blue (17%)



 Red (23%)

 Yellow (13%)

 Blue (17%)

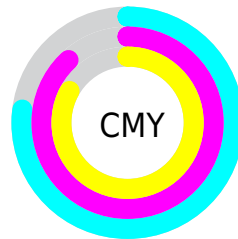


 Cyan (0%)

 Magenta (46%)

 Yellow (27%)

 Black (77%)



 Cyan (77%)


 Magenta (88%)


 Yellow (83%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 16, 14.957, 353.323 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 16, 14.957, 353.323 by changing the saturation by 10% instead.

 16, 14.957,
353.323


 16, 14.957,
353.323


 100, 14.957,
353.323


 6, 14.957, 353.323


 36, 14.957,
353.323

 0, 14.957, 353.323

 46, 14.957,
353.323


 56, 14.957,
353.323


 66, 14.957,
353.323


 76, 14.957,
353.323


 86, 14.957,


353.323


 96, 14.957,
353.323

 16, 14.957,
353.323


 16, 14.957,
353.323

 14, 18.144,
354.698

 18, 11.672,
352.143

 13, 21.134,
356.322

 20, 8.368, 351.107

 12, 23.809,
358.278

 22, 5.097, 350.180

 10, 26.091, 0.615

 23, 1.895, 349.299

 9, 28.561, 2.667

 25, 1.219, 168.806

 9, 29.658, 3.336

 27, 4.235, 168.019

■ 29, 7.148, 167.377

■ 32, 9.960, 166.793

■ 34, 12.674,
166.254

Harmonies

Complementary

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



16, 14.957, 353.323



22, 13.875, 164.878

Rectangle

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



16, 14.957, 353.323



16, 14.957, 43.323



16, 14.957, 173.323



16, 14.957, 223.323

Sweetspot

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



16, 14.956, 353.325



29, 5.551, 350.058



15, 20.101, 313.720



13, 3.765, 350.125



68, 0.008, 296.813



15, 0.003, 296.813

Same Dimension

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



16, 14.956, 353.325



20, 22.230, 354.934



16, 13.248, 29.321



9, 1.681, 349.501



17, 40.023, 7.073



47, 75.664, 11.559

Inverse Universe

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



16, 14.956, 353.325



20, 22.230, 354.934



22, 9.888, 206.569



9, 1.681, 349.501



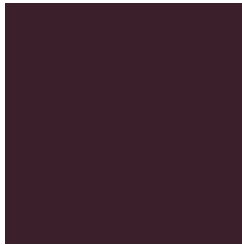
17, 40.023, 7.073



47, 75.664, 11.559

Previews

White Background



This preview shows how the CIE LCh color 16, 14.957, 353.323 looks on a white background.

Color Contrast Check

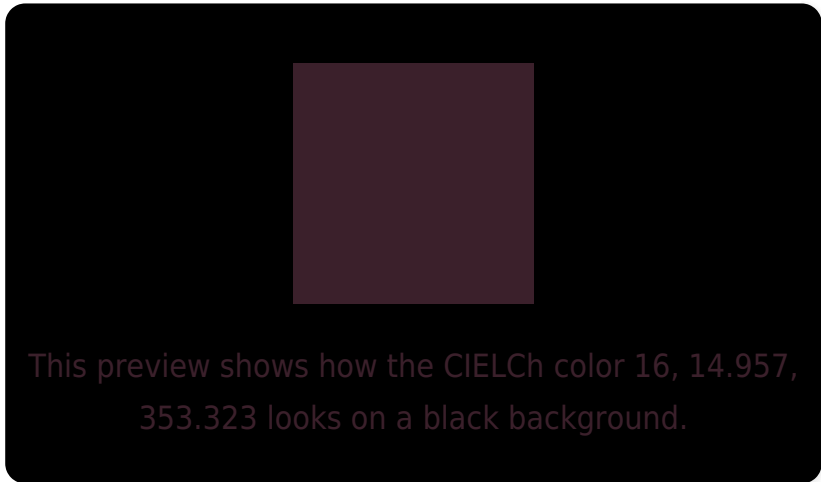
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

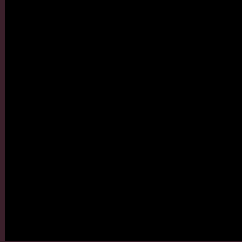
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 16, 14.957, 353.323

Background



This preview shows how black text looks on a background with the CIELCh color 16, 14.957, 353.323.



This preview shows how white text looks on a background with the CIELCh color 16, 14.957, 353.323.

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

16, 14.957, 353.323

Protanopia

16, 5.608, 287.080

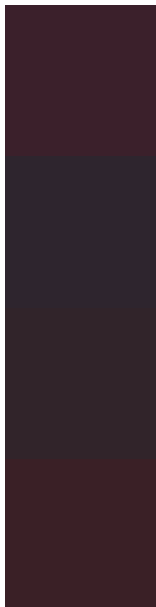
Deuteranopia

16, 2.805, 350.193



Tritanopia
16, 12.922, 16.827

Trichromacy



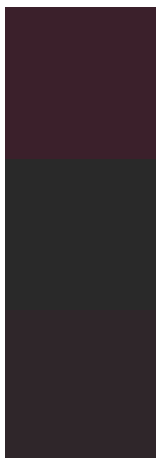
Original Color
16, 14.957, 353.323

Protanomaly
16, 7.611, 325.305

Deuteranomaly
16, 7.566, 347.798

Tritanomaly
16, 13.596, 5.633

Monochromacy



Original Color
16, 14.957, 353.323

Achromatopsia
17, 0.003, 296.813

Achromatomaly
16, 5.183, 348.157

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 16, 14.957, 353.323 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(59, 32, 43)` looks like.

```
.text, #text, p{  
    color:rgb(59, 32, 43)  
}
```

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(59, 32, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 32, 43) }
```

Border

The CSS property to change the border of an element to CIELCh 16, 14.957, 353.323 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(59, 32, 43) }
```

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

```
.border{ border-color:rgb(59, 32, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 32, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 32, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 32, 43);  
box-shadow:4px 4px 4px 4px rgb(59, 32, 43)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 16, 14.957, 353.323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 32, 43) }
```

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

```
.background{ background-color: rgb(59, 32,  
43) }
```

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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