

Converting Colors

CIELCh(17, 13.815, 351.318)

Have a look what the booklet for
CIELCh(17, 13.815, 351.318)
contains.

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Color

CIELCh(17, 13.344, 352.107)

Conversions

Conversions Part 1

Format	Color
Hex	3B232D
RGB	59, 35, 45
RGB Percent	23%, 14%, 18%
CMY	0.7694, 0.8635, 0.8243
CMYK	0.00, 0.41, 0.24, 0.77
HSL	335°, 26%, 18%
HSV	335°, 41%, 23%
XYZ	2.8568, 2.3023, 2.7569
YIQ	43.3160, 11.0940, 8.1980

Conversions

Conversions Part 2

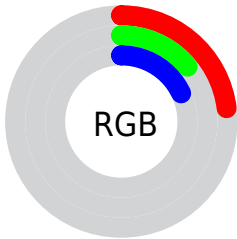
Format	Color
R _Y B	59, 35, 45
Decimal	3875629
CIE Lab	17.00, 13.22, -1.83
CIE LCh	17, 13.344, 352.107
Yxy	2.3023, 0.3609, 0.2908
Android (android.graphics.Color)	4282065709 (0xFF3B232D)
YUV	43.3160, 0.8302, 13.7549
Hunter-Lab	15.1734, 7.0535, -0.1513

Details

The CIELCh color **17, 13.344, 352.107** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **23, 12.513, 164.892**, and the grayscale version is **18, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 13.394, 351.290**, and **0, 0.555, 19.405** is the 20% darker color. If you saturate the color by 10%, you get **15, 16.610, 353.360**, and if you desaturate by 10%, it is **19, 10.018, 351.020**.

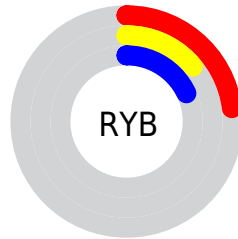
Distribution



Red (23%)

Green (14%)

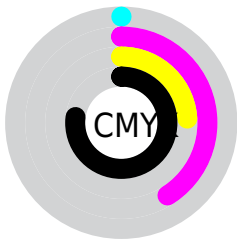
Blue (18%)



Red (23%)

Yellow (14%)

Blue (18%)

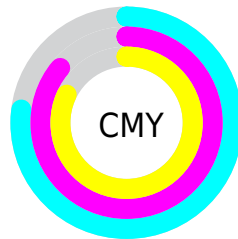


Cyan (0%)

Magenta (41%)

Yellow (24%)

Black (77%)



Cyan (77%)

Magenta (86%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 13.344, 352.107 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 17, 13.344, 352.107 by changing the saturation by 10% instead.

■ 17, 13.344,
352.107

■ 17, 13.344,
352.107

■ 100, 13.344,
352.107

■ 7, 13.344, 352.107

■ 37, 13.344,
352.107

■ 0, 13.344, 352.107

■ 47, 13.344,
352.107


■ 57, 13.344,
352.107


■ 67, 13.344,
352.107


■ 77, 13.344,
352.107


■ 87, 13.344,


352.107


 97, 13.344,
352.107

 17, 13.344,
352.107


 17, 13.344,
352.107

 15, 16.610,
353.360

 19, 10.018,
351.020


 14, 19.731,
354.825

 21, 6.702, 350.054

 12, 22.593,
356.570

 23, 3.437, 349.172

 25, 0.251, 347.719

 11, 25.072,
358.684

 27, 2.841, 167.813

 10, 27.336, 0.958

 29, 5.832, 167.133

■ 9, 29.762, 2.630

■ 31, 8.721, 166.526

■ 33, 11.511,
165.968

■ 35, 14.206,
165.450

Harmonies

Complementary

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



17, 13.344, 352.107



23, 12.513, 164.892

Rectangle

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



17, 13.344, 352.107



17, 13.344, 42.107



17, 13.344, 172.107



17, 13.344, 222.107

Sweetspot

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



17, 13.343, 352.109



30, 4.771, 349.325



16, 17.774, 312.970



13, 3.107, 349.336



68, 0.008, 296.813



15, 0.003, 296.813

Same Dimension

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



17, 13.343, 352.109



21, 19.958, 353.427



17, 11.736, 27.532



10, 1.823, 348.973



18, 40.792, 6.448



47, 76.221, 10.715

Inverse Universe

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



17, 13.343, 352.109



21, 19.958, 353.427



22, 9.110, 204.644



10, 1.823, 348.973



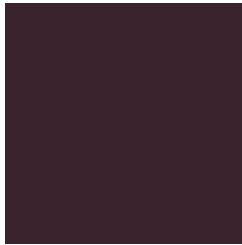
18, 40.792, 6.448



47, 76.221, 10.715

Previews

White Background



This preview shows how the CIELCh color 17, 13.344, 352.107 looks on a white background.

Color Contrast Check

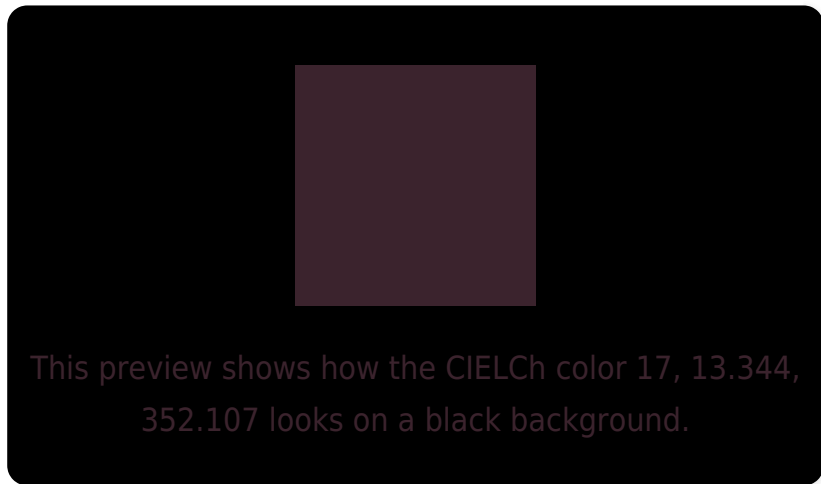
Large Text (above 18pt) WCAG AA ✓ Pass

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

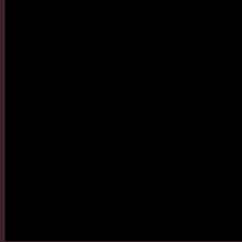
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 17, 13.344, 352.107

Background



This preview shows how black text looks on a background with the CIELCh color 17, 13.344, 352.107.



This preview shows how white text looks on a background with the CIELCh color 17, 13.344, 352.107.

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

17, 13.344, 352.107

Protanopia

17, 4.877, 286.147

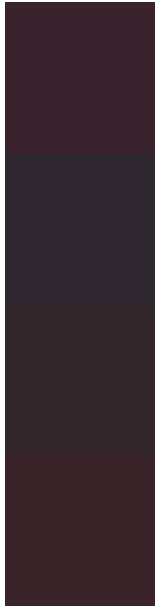
Deuteranopia

17, 3.181, 339.260



Tritanopia
17, 11.233, 11.816

Trichromacy



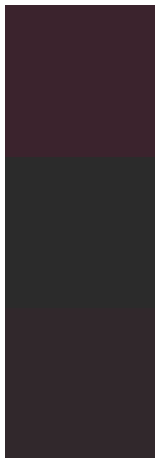
Original Color
17, 13.344, 352.107

Protanomaly
17, 6.738, 325.193

Deuteranomaly
17, 6.744, 350.252

Tritanomaly
17, 11.390, 4.936

Monochromacy



Original Color
17, 13.344, 352.107

Achromatopsia
18, 0.003, 296.813

Achromatomaly
17, 5.146, 348.107

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 13.344, 352.107 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, 35, 45)` looks like.

```
.text, #text, p{  
    color:rgb(59, 35, 45)  
}
```

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, 35, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 35, 45) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 13.344, 352.107 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, 35, 45) }
```

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

```
.border{ border-color:rgb(59, 35, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 35, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 35, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 35, 45);  
box-shadow:4px 4px 4px 4px rgb(59, 35, 45)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 17, 13.344, 352.107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 35, 45) }
```

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

```
.background{ background-color: rgb(59, 35,  
45) }
```

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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