

Converting Colors

CIELCh(18, 13.322, 328.841)

Have a look what the booklet for
CIELCh(18, 13.322, 328.841)
contains.

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Color

CIELCh(18, 13.695, 329.217)

Conversions

Conversions Part 1

Format	Color
Hex	382636
RGB	56, 38, 54
RGB Percent	22%, 15%, 21%
CMY	0.7794, 0.8500, 0.7873
CMYK	0.00, 0.32, 0.04, 0.78
HSL	307°, 19%, 19%
HSV	307°, 32%, 22%
XYZ	3.0173, 2.5180, 3.8474
YIQ	45.2060, 5.5920, 8.7920

Conversions

Conversions Part 2

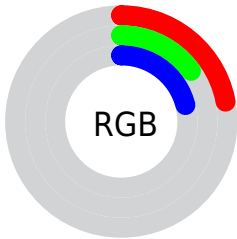
Format	Color
R_{YB}	56, 38, 54
Decimal	3679798
CIE _{Lab}	18.00, 11.77, -7.01
CIE _{LCh}	18, 13.695, 329.217
Yxy	2.5180, 0.3216, 0.2684
Android (android.graphics.Color)	4281869878 (0xFF382636)
YUV	45.2060, 4.3354, 9.4663
Hunter-Lab	15.8683, 6.1711, -3.2676

Details

The CIELCh color **18, 13.695, 329.217** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **22, 13.674, 145.677**, and the grayscale version is **19, 0.003, 296.813**.

A 20% lighter version of the original color is **38, 13.833, 328.317**, and **0, 3.343, 304.586** is the 20% darker color. If you saturate the color by 10%, you get **16, 17.889, 329.728**, and if you desaturate by 10%, it is **20, 9.416, 328.704**.

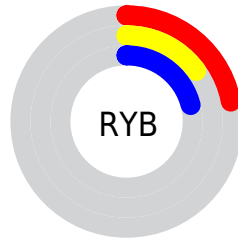
Distribution



Red (22%)

Green (15%)

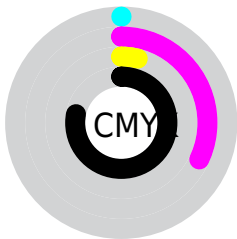
Blue (21%)



Red (22%)

Yellow (15%)

Blue (21%)

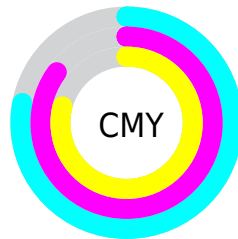


Cyan (0%)

Magenta (32%)

Yellow (4%)

Black (78%)



Cyan (78%)

Magenta (85%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 18, 13.695, 329.217 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 18, 13.695, 329.217 by changing the saturation by 10% instead.

■ 18, 13.695,
329.217

■ 18, 13.695,
329.217

■ 100, 13.695,
329.217

■ 8, 13.695, 329.217

■ 38, 13.695,
329.217

■ 0, 13.695, 329.217

■ 48, 13.695,
329.217


■ 58, 13.695,
329.217


■ 68, 13.695,
329.217


■ 78, 13.695,
329.217


■ 88, 13.695,

329.217


 98, 13.695,
329.217

 18, 13.695,
329.217

 18, 13.695,
329.217


 16, 17.889,
329.728

 20, 9.416, 328.704


 15, 21.912,
330.233

 21, 5.121, 328.190


 23, 0.858, 327.581


 14, 25.653,
330.729

 25, 3.340, 147.269

 12, 28.983,
331.210

 27, 7.453, 146.782

 29, 11.469,
146.325

 11, 31.770,
331.677

10, 34.358,
332.122

31, 15.381,
145.890

10, 36.627,
332.456

33, 19.189,
145.476

35, 22.892,
145.081

Harmonies

Complementary

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



18, 13.695, 329.217



22, 13.674, 145.677

Rectangle

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



18, 13.695, 329.217



18, 13.695, 19.217



18, 13.695, 149.217



18, 13.695, 199.217

Sweetspot

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



18, 13.694, 329.217



29, 5.350, 328.110



16, 12.674, 296.822



14, 3.686, 328.135



68, 0.008, 296.813



15, 0.003, 296.813

Same Dimension

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



18, 13.694, 329.217



23, 20.361, 329.621



18, 9.957, 352.181



9, 2.349, 327.995



20, 50.501, 332.851



51, 94.418, 333.286

Inverse Universe

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



18, 13.694, 329.217



23, 20.361, 329.621



22, 9.435, 166.788



9, 2.349, 327.995



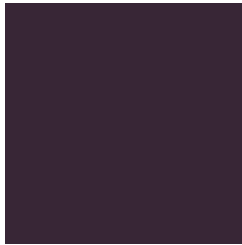
20, 50.501, 332.851



51, 94.418, 333.286

Previews

White Background



This preview shows how the CIELCh color 18, 13.695, 329.217 looks on a white background.

Color Contrast Check

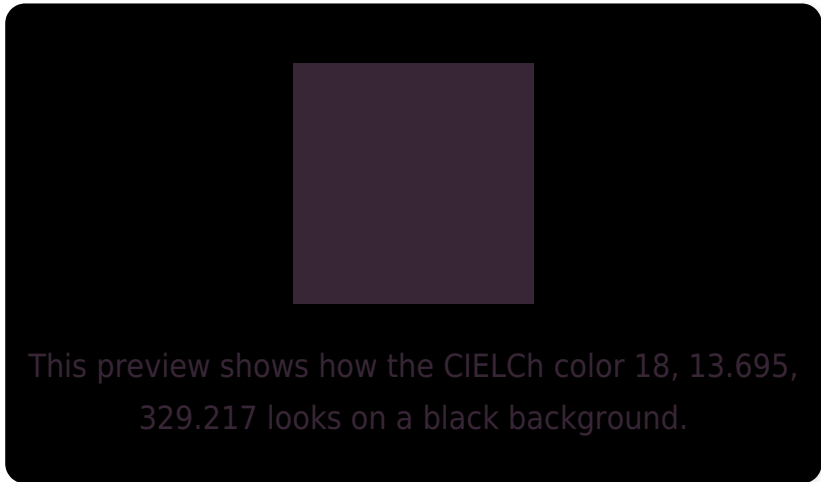
Large Text (above 18pt) WCAG AA ✓ Pass

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

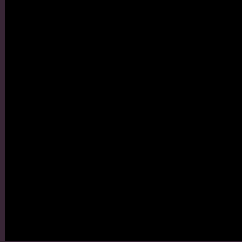
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 18, 13.695, 329.217

Background



This preview shows how black text looks on a background with the CIELCh color 18, 13.695, 329.217.



This preview shows how white text looks on a background with the CIELCh color 18, 13.695, 329.217.

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

18, 13.695, 329.217

Protanopia

18, 9.751, 282.762

Deuteranopia

18, 6.940, 295.548



Tritanopia
18, 7.630, 5.659

Trichromacy



Original Color
18, 13.695, 329.217

Protanomaly
18, 10.554, 302.097

Deuteranomaly
18, 8.927, 312.750

Tritanomaly
18, 9.382, 345.873

Monochromacy



Original Color
18, 13.695, 329.217

Achromatopsia
18, 0.003, 296.813

Achromatomaly
18, 4.467, 329.980

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 18, 13.695, 329.217 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(56, 38, 54)` looks like.

```
.text, #text, p{  
    color:rgb(56, 38, 54)  
}
```

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(56, 38, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 38, 54) }
```

Border

The CSS property to change the border of an element to CIELCh 18, 13.695, 329.217 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(56, 38, 54) }
```

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

```
.border{ border-color:rgb(56, 38, 54) }
```

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

Here you see how a box with a 4 pixel rgb(56, 38, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 38, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 38, 54);  
box-shadow:4px 4px 4px 4px rgb(56, 38, 54)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 18, 13.695, 329.217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 38, 54) }
```

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

```
.background{ background-color: rgb(56, 38,  
54) }
```

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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