

Converting Colors

CIELCh(18, 18.904, 348.159)

Have a look what the booklet for
CIELCh(18, 18.904, 348.159)
contains.

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Color

CIELCh(18, 19.282, 348.263)

Conversions

Conversions Part 1

Format	Color
Hex	432132
RGB	67, 33, 50
RGB Percent	26%, 13%, 20%
CMY	0.7370, 0.8703, 0.8037
CMYK	0.00, 0.51, 0.25, 0.74
HSL	330°, 34%, 20%
HSV	330°, 51%, 26%
XYZ	3.4425, 2.5180, 3.3297
YIQ	45.1040, 14.8070, 12.4950

Conversions

Conversions Part 2

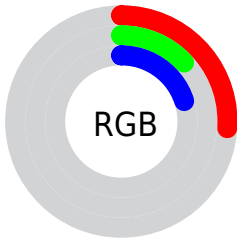
Format	Color
R_{YB}	67, 33, 50
Decimal	4399410
CIE _{Lab}	18.00, 18.88, -3.92
CIE _{LCh}	18, 19.282, 348.263
Yxy	2.5180, 0.3706, 0.2710
Android (android.graphics.Color)	4282589490 (0xFF432132)
YUV	45.1040, 2.4137, 19.2028
Hunter-Lab	15.8683, 10.9546, -1.3332

Details

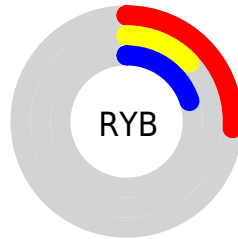
The CIELCh color **18, 19.282, 348.263** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **25, 18.320, 159.101**, and the grayscale version is **19, 0.003, 296.813**.

A 20% lighter version of the original color is **38, 19.386, 348.105**, and **2, 7.346, 16.258** is the 20% darker color. If you saturate the color by 10%, you get **16, 22.791, 349.577**, and if you desaturate by 10%, it is **20, 15.547, 347.129**.

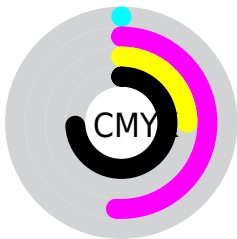
Distribution



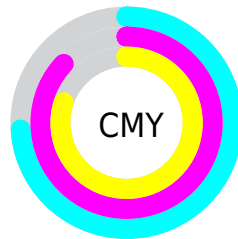
- Red (26%)
- Green (13%)
- Blue (20%)



- Red (26%)
- Yellow (13%)
- Blue (20%)



- Cyan (0%)
- Magenta (51%)
- Yellow (25%)
- Black (74%)





- Cyan (74%)
- Magenta (87%)
- Yellow (80%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 18, 19.282, 348.263 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, 19.282, 348.263 by changing the saturation by 10% instead.

 18, 19.282,
348.263


 18, 19.282,
348.263


 100, 19.282,
348.263


 8, 19.282, 348.263


 38, 19.282,
348.263

 0, 19.282, 348.263

 48, 19.282,
348.263


 58, 19.282,
348.263


 68, 19.282,
348.263


 78, 19.282,
348.263


 88, 19.282,


348.263


 98, 19.282,
348.263


 18, 19.282,
348.263


 18, 19.282,
348.263

 16, 22.791,
349.577


 20, 15.547,
347.129


 15, 25.936,
351.125

 22, 11.705,
346.127


 13, 28.559,
352.987

 24, 7.842, 345.227

 12, 30.692,
355.133

 26, 4.015, 344.398

 28, 0.262, 342.994

 11, 32.909,
356.881

 31, 3.394, 163.083

■ 33, 6.942, 162.427

■ 35, 10.379,
161.834

■ 37, 13.706,
161.285

Harmonies

Complementary

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



18, 19.282, 348.263



25, 18.320, 159.101

Rectangle

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



18, 19.282, 348.263



18, 19.282, 38.263



18, 19.282, 168.263



18, 19.282, 218.263

Sweetspot

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



18, 19.281, 348.264



33, 7.002, 344.799



16, 24.615, 311.328



15, 4.705, 344.868



70, 0.009, 296.813



18, 0.003, 296.813

Same Dimension

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



18, 19.281, 348.264



22, 28.200, 349.981



17, 17.832, 24.109



12, 2.062, 344.218



19, 41.976, 359.181



48, 76.871, 2.609

Inverse Universe

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



18, 19.281, 348.264



22, 28.200, 349.981



26, 12.927, 197.344



12, 2.062, 344.218



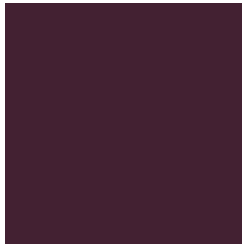
19, 41.976, 359.181



48, 76.871, 2.609

Previews

White Background



This preview shows how the CIE LCh color 18, 19.282, 348.263 looks on a white background.

Color Contrast Check

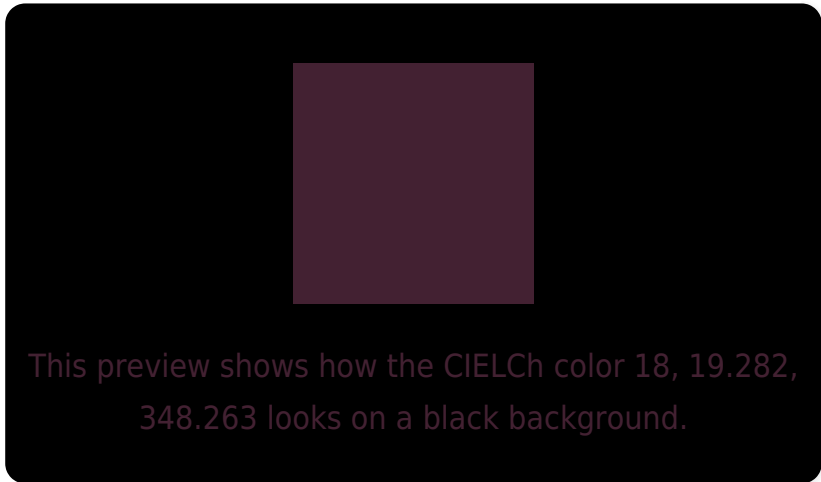
Large Text (above 18pt) WCAG AA ✓ Pass

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

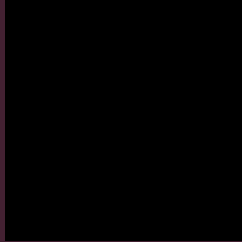
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 18, 19.282, 348.263

Background



This preview shows how black text looks on a background with the CIELCh color 18, 19.282, 348.263.



This preview shows how white text looks on a background with the CIELCh color 18, 19.282, 348.263.

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, 19.282, 348.263

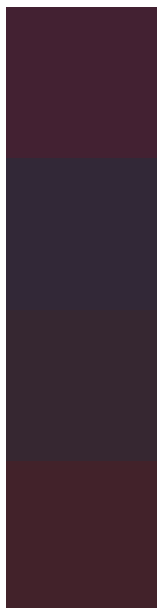
Protanopia
18, 9.701, 285.141

Deuteranopia
18, 3.943, 319.170



Tritanopia
18, 15.841, 16.290

Trichromacy



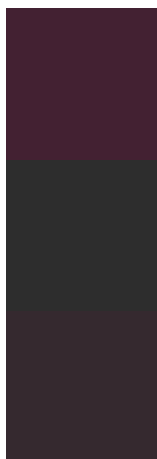
Original Color
18, 19.282, 348.263

Protanomaly
18, 11.340, 315.653

Deuteranomaly
18, 9.842, 337.390

Tritanomaly
18, 16.524, 4.940

Monochromacy



Original Color
18, 19.282, 348.263

Achromatopsia
18, 0.003, 296.813

Achromatomaly
18, 7.047, 345.304

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 18, 19.282, 348.263 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(67, 33, 50)` looks like.

```
.text, #text, p{  
    color:rgb(67, 33, 50)  
}
```

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(67, 33, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 33, 50) }
```

Border

The CSS property to change the border of an element to CIELCh 18, 19.282, 348.263 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(67, 33, 50) }
```

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

```
.border{ border-color:rgb(67, 33, 50) }
```

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

Here you see how a box with a 4 pixel rgb(67, 33, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 33, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 33, 50);  
box-shadow:4px 4px 4px 4px rgb(67, 33, 50)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 18, 19.282, 348.263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 33, 50) }
```

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

```
.background{ background-color: rgb(67, 33,  
50) }
```

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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