

Converting Colors

CIELCh(11, 17.815, 349.263)

Have a look what the booklet for
CIELCh(11, 17.815, 349.263)
contains.

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Color

CIELCh(11, 18.113, 350.283)

Conversions

Conversions Part 1

Format	Color
Hex	321322
RGB	50, 19, 34
RGB Percent	20%, 7%, 13%
CMY	0.8038, 0.9254, 0.8666
CMYK	0.00, 0.62, 0.32, 0.80
HSL	331°, 45%, 14%
HSV	331°, 62%, 20%
XYZ	1.8391, 1.2610, 1.6617
YIQ	29.9790, 13.6610, 11.2370

Conversions

Conversions Part 2

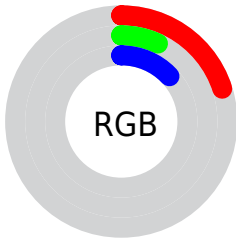
Format	Color
R_{YB}	50, 19, 34
Decimal	3281698
CIE _{Lab}	11.00, 17.85, -3.06
CIE _{LCh}	11, 18.113, 350.283
Yxy	1.2610, 0.3862, 0.2648
Android (android.graphics.Color)	4281471778 (0xFF321322)
YUV	29.9790, 1.9824, 17.5584
Hunter-Lab	11.2295, 9.5819, -0.9128

Details

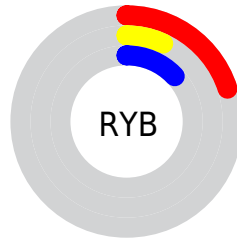
The CIELCh color **11, 18.113, 350.283** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **18, 17.048, 158.993**, and the grayscale version is **11, 0.003, 296.813**.

A 20% lighter version of the original color is **31, 17.961, 351.123**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **10, 20.646, 351.735**, and if you desaturate by 10%, it is **12, 15.338, 349.042**.

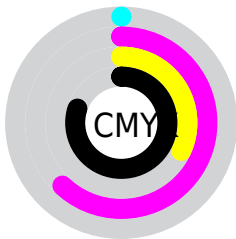
Distribution



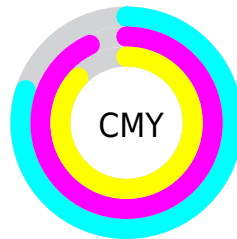
- Red (20%)
- Green (7%)
- Blue (13%)



- Red (20%)
- Yellow (7%)
- Blue (13%)



- Cyan (0%)
- Magenta (62%)
- Yellow (32%)
- Black (80%)





- Cyan (80%)
- Magenta (93%)
- Yellow (87%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 11, 18.113, 350.283 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 11, 18.113, 350.283 by changing the saturation by 10% instead.


 11, 18.113,
350.283


 11, 18.113,
350.283


 100, 18.113,
350.283


 1, 18.113, 350.283


 31, 18.113,
350.283


 0, 18.113, 350.283

 41, 18.113,
350.283


 51, 18.113,
350.283


 61, 18.113,
350.283


 71, 18.113,
350.283


 81, 18.113,


350.283

 91, 18.113,
350.283


 11, 18.113,
350.283

 11, 18.113,
350.283

 10, 20.646,
351.735

 12, 15.338,
349.042

 9, 22.849, 353.445

 14, 12.421,
347.959

 8, 25.145, 354.979

 15, 9.436, 346.999

 7, 27.029, 356.081

 17, 6.441, 346.134

 19, 3.476, 345.335

 20, 0.567, 344.391

■ 22, 2.271, 164.080

■ 24, 5.029, 163.433

■ 26, 7.705, 162.855

Harmonies

Complementary

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



11, 18.113, 350.283



18, 17.048, 158.993

Rectangle

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



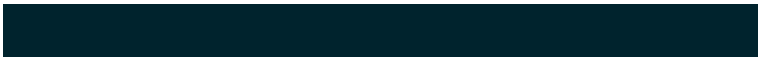
11, 18.113, 350.283



11, 18.113, 40.283



11, 18.113, 170.283



11, 18.113, 220.283

Sweetspot

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



11, 18.112, 350.284



24, 7.045, 345.979



9, 23.590, 311.689



10, 4.745, 346.029



66, 0.008, 296.813



13, 0.003, 296.813

Same Dimension

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



11, 18.112, 350.284



14, 26.438, 352.773



11, 17.286, 24.772



8, 1.624, 345.043



17, 39.550, 0.108



47, 74.763, 4.067

Inverse Universe

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



11, 18.112, 350.284



14, 26.438, 352.773



19, 11.905, 197.119



8, 1.624, 345.043



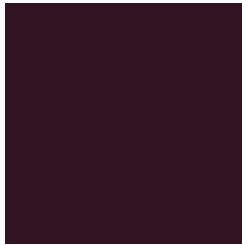
17, 39.550, 0.108



47, 74.763, 4.067

Previews

White Background



This preview shows how the CIELCh color 11, 18.113, 350.283 looks on a white background.

Color Contrast Check

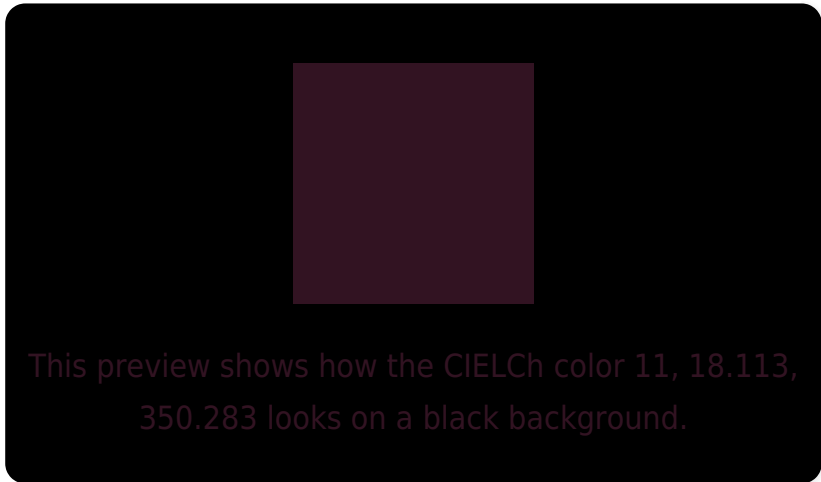
Large Text (above 18pt) WCAG AA ✓ Pass

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

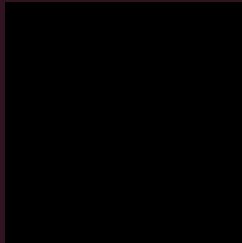
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 11, 18.113, 350.283

Background



This preview shows how black text looks on a background with the CIELCh color 11, 18.113, 350.283.



This preview shows how white text looks on a background with the CIELCh color 11, 18.113, 350.283.

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

11, 18.113, 350.283

Protanopia

11, 8.085, 283.318

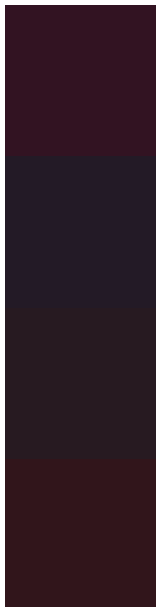
Deuteranopia

12, 2.097, 336.092



Tritanopia
11, 14.782, 21.587

Trichromacy



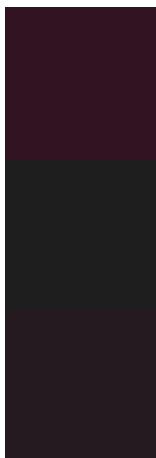
Original Color
11, 18.113, 350.283

Protanomaly
11, 9.794, 318.353

Deuteranomaly
11, 8.238, 343.904

Tritanomaly
11, 15.152, 8.554

Monochromacy



Original Color
11, 18.113, 350.283

Achromatopsia
11, 0.003, 296.813

Achromatomaly
11, 6.657, 348.317

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 11, 18.113, 350.283 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(50, 19, 34)` looks like.

```
.text, #text, p{  
    color:rgb(50, 19, 34)  
}
```

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(50, 19, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 19, 34) }
```

Border

The CSS property to change the border of an element to CIELCh 11, 18.113, 350.283 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(50, 19, 34) }
```

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

```
.border{ border-color:rgb(50, 19, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 19, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 19, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 19, 34);  
box-shadow:4px 4px 4px 4px rgb(50, 19, 34)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 11, 18.113, 350.283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 19, 34) }
```

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

```
.background{ background-color: rgb(50, 19,  
34) }
```

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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