

Converting Colors

CIELCh(19, 17.909, 259.035)

Have a look what the booklet for
CIELCh(19, 17.909, 259.035)
contains.

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Color

CIELCh(19, 17.605, 258.110)

Conversions

Conversions Part 1

Format	Color
Hex	0F3147
RGB	15, 49, 71
RGB Percent	6%, 19%, 28%
CMY	0.9415, 0.8081, 0.7218
CMYK	0.79, 0.31, 0.00, 0.72
HSL	204°, 65%, 17%
HSV	204°, 79%, 28%
XYZ	2.4269, 2.7468, 6.3531
YIQ	41.3420, -27.3260, -0.3660

Conversions

Conversions Part 2

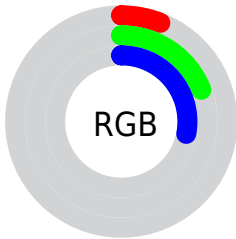
Format	Color
RYB	15, 36, 71
Decimal	995655
CIELab	19.00, -3.63, -17.23
CIELCh	19, 17.605, 258.110
Yxy	2.7468, 0.2105, 0.2383
Android (android.graphics.Color)	4279185735 (0xFF0F3147)
YUV	41.3420, 14.6214, -23.1019
Hunter-Lab	16.5735, -2.8650, -11.1261

Details

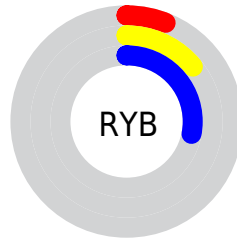
The CIELCh color **19, 17.605, 258.110** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **19, 25.212, 56.423**, and the grayscale version is **17, 0.003, 296.813**.

A 20% lighter version of the original color is **39, 17.786, 258.744**, and **1, 14.936, 289.238** is the 20% darker color. If you saturate the color by 10%, you get **18, 19.348, 261.731**, and if you desaturate by 10%, it is **20, 15.770, 254.919**.

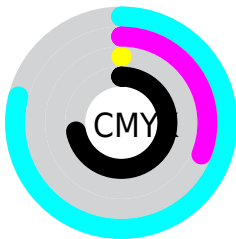
Distribution



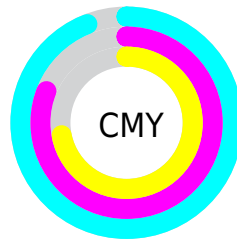
- Red (6%)
- Green (19%)
- Blue (28%)



- Red (6%)
- Yellow (14%)
- Blue (28%)



- Cyan (79%)
- Magenta (31%)
- Yellow (0%)
- Black (72%)



- Cyan (94%)
- Magenta (81%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 17.605, 258.110 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 19, 17.605, 258.110 by changing the saturation by 10% instead.

■ 19, 17.605,
258.110

■ 19, 17.605,
258.110

■ 100, 17.605,
258.110

■ 9, 17.605, 258.110

■ 39, 17.605,
258.110

■ 0, 17.605, 258.110

■ 49, 17.605,
258.110

■ 59, 17.605,
258.110

■ 69, 17.605,
258.110

■ 79, 17.605,
258.110

■ 89, 17.605,

258.110

■ 99, 17.605,
258.110

■ 19, 17.605,
258.110

■ 19, 17.605,
258.110

■ 18, 19.348,
261.731

■ 20, 15.770,
254.919

■ 17, 21.162,
264.983

■ 22, 13.813,
252.196

■ 16, 21.357,
265.287

■ 23, 11.729,
249.900

■ 24, 9.521, 247.976

■ 26, 7.203, 246.372

■ 27, 4.788, 245.038

■ 29, 2.293, 243.957

■ 30, 0.265, 62.105

■ 32, 2.873, 62.035

Harmonies

Complementary

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



19, 17.605, 258.110



19, 25.212, 56.423

Rectangle

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



19, 17.605, 258.110



19, 17.605, 308.110



19, 17.605, 78.110



19, 17.605, 128.110

Sweetspot

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



19, 17.605, 258.111



35, 7.439, 245.804



26, 31.207, 149.739



16, 5.023, 246.034



71, 0.009, 296.813



19, 0.004, 296.813

Same Dimension

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



19, 17.605, 258.111



23, 25.032, 265.605



10, 36.044, 297.907



13, 1.434, 243.924



24, 27.841, 268.030



56, 53.723, 272.055

Inverse Universe

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



15, 30.982, 345.684



19, 41.138, 349.143



27, 29.941, 97.418



13, 2.368, 338.814



20, 44.434, 350.385



50, 80.098, 352.715

Previews

White Background



This preview shows how the CIE LCh color 19, 17.605, 258.110 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



This preview shows how the CIELCh color 19, 17.605, 258.110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

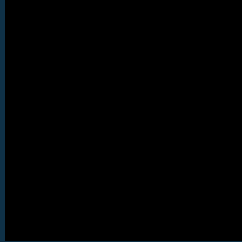
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 19, 17.605, 258.110

Background



This preview shows how black text looks on a background with the CIELCh color 19, 17.605, 258.110.



This preview shows how white text looks on a background with the CIELCh color 19, 17.605, 258.110.

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


19, 17.605, 258.110

Protanopia

19, 15.186, 283.662

Deuteranopia

19, 18.159, 279.856



Tritanopia
19, 15.571, 206.924

Trichromacy



Original Color
19, 17.605, 258.110

Protanomaly
19, 15.914, 271.596

Deuteranomaly
19, 18.094, 271.618

Tritanomaly
19, 14.949, 228.023

Monochromacy



Original Color
19, 17.605, 258.110

Achromatopsia
17, 0.003, 296.813

Achromatomaly
17, 7.316, 248.476

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 17.605, 258.110 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(15, 49, 71)` looks like.

```
.text, #text, p{  
    color:rgb(15, 49, 71)  
}
```

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(15, 49, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 49, 71) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 17.605, 258.110 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(15, 49, 71) }
```

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

```
.border{ border-color:rgb(15, 49, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 49, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 49, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 49, 71);  
box-shadow:4px 4px 4px 4px rgb(15, 49, 71)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 19, 17.605, 258.110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 49, 71) }
```

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

```
.background{ background-color: rgb(15, 49,  
71) }
```

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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