

Converting Colors

CIELCh(19, 60.154, 308.915)

Have a look what the booklet for
CIELCh(19, 60.154, 308.915)
contains.

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Color

CIELCh(19, 60.122, 308.832)

Conversions

Conversions Part 1

Format	Color
Hex	381874
RGB	56, 24, 116
RGB Percent	22%, 9%, 45%
CMY	0.7807, 0.9062, 0.5454
CMYK	0.52, 0.79, 0.00, 0.55
HSL	261°, 66%, 27%
HSV	261°, 79%, 45%
XYZ	5.0978, 2.7468, 16.7572
YIQ	44.0560, -10.4600, 35.3960

Conversions

Conversions Part 2

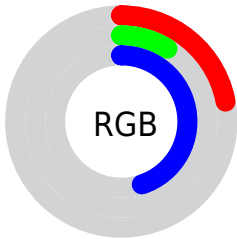
Format	Color
R_{YB}	56, 24, 116
Decimal	3676276
CIE _{Lab}	19.00, 37.70, -46.83
CIE _{LCh}	19, 60.122, 308.832
Yxy	2.7468, 0.2072, 0.1117
Android (android.graphics.Color)	4281866356 (0xFF381874)
YUV	44.0560, 35.4684, 10.4749
Hunter-Lab	16.5735, 25.9006, -48.3455

Details

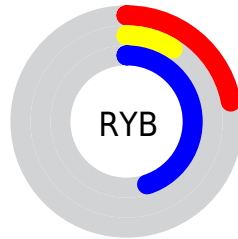
The CIELCh color **19, 60.122, 308.832** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **45, 50.740, 120.506**, and the grayscale version is **18, 0.003, 296.813**.

A 20% lighter version of the original color is **39, 60.262, 308.987**, and **4, 46.753, 303.046** is the 20% darker color. If you saturate the color by 10%, you get **16, 66.091, 309.156**, and if you desaturate by 10%, it is **22, 52.991, 308.246**.

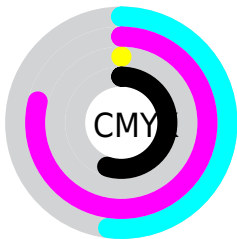
Distribution



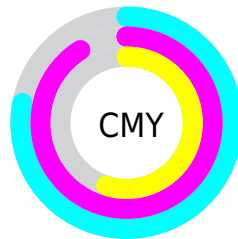
- Red (22%)
- Green (9%)
- Blue (45%)



- Red (22%)
- Yellow (9%)
- Blue (45%)



- Cyan (52%)
- Magenta (79%)
- Yellow (0%)
- Black (55%)



- Cyan (78%)
- Magenta (91%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 60.122, 308.832 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, 60.122, 308.832 by changing the saturation by 10% instead.

■ 19, 60.122,
308.832

■ 19, 60.122,
308.832

■ 100, 60.122,
308.832

■ 9, 60.122, 308.832

■ 39, 60.122,
308.832

■ 0, 60.122, 308.832

■ 49, 60.122,
308.832


■ 59, 60.122,
308.832


■ 69, 60.122,
308.832


■ 79, 60.122,
308.832


■ 89, 60.122,


308.832

 99, 60.122,
308.832


 19, 60.122,
308.832


 19, 60.122,
308.832


 16, 66.091,
309.156

 22, 52.991,
308.246


 14, 71.211,
309.388

 26, 45.261,
307.524

 14, 71.564,
309.419

 29, 37.319,
306.758

 33, 29.394,
306.006

 37, 21.611,
305.298

■ 41, 14.030,
304.649

■ 45, 6.679, 304.064

■ 49, 0.438, 123.654

■ 53, 7.323, 123.104

Harmonies

Complementary

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



19, 60.122, 308.832



45, 50.740, 120.506

Rectangle

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



19, 60.122, 308.832



19, 60.122, 358.832



19, 60.122, 128.832



19, 60.122, 178.832

Sweetspot

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



19, 60.122, 308.833



50, 21.709, 304.982



34, 24.288, 251.092



24, 15.097, 305.170



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



19, 60.122, 308.833



21, 84.111, 309.142



26, 58.426, 322.434



22, 4.051, 304.046



15, 74.462, 309.360



36, 127.079, 308.818

Inverse Universe

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



27, 46.545, 343.793



33, 60.182, 347.057



43, 58.029, 135.101



23, 3.726, 336.858



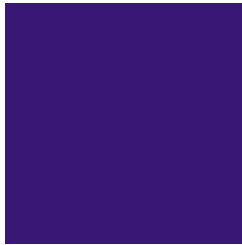
26, 52.468, 347.601



55, 88.031, 349.079

Previews

White Background



This preview shows how the CIE LCh color 19, 60.122, 308.832 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, 60.122, 308.832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

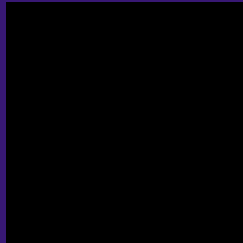
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 19, 60.122, 308.832

Background



This preview shows how black text looks on a background with the CIELCh color 19, 60.122, 308.832.



This preview shows how white text looks on a background with the CIELCh color 19, 60.122, 308.832.

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, 60.122, 308.832

Protanopia

19, 34.543, 282.961

Deuteranopia

19, 24.335, 267.951



Tritanopia
19, 5.737, 227.172

Trichromacy



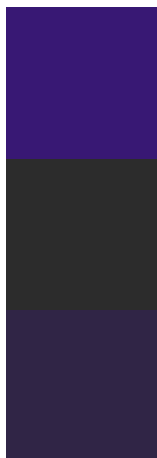
Original Color
19, 60.122, 308.832

Protanomaly
18, 44.389, 294.985

Deuteranomaly
18, 37.138, 291.304

Tritanomaly
18, 24.873, 299.214

Monochromacy



Original Color
19, 60.122, 308.832

Achromatopsia
18, 0.003, 296.813

Achromatomaly
17, 23.312, 305.899

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 60.122, 308.832 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, 24, 116)` looks like.

```
.text, #text, p{  
    color:rgb(56, 24, 116)  
}
```

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, 24, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 24, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 60.122, 308.832 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, 24, 116) }
```

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

```
.border{ border-color:rgb(56, 24, 116) }
```

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

Here you see how a box with a 4 pixel rgb(56, 24, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 24, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 24, 116);  
box-shadow:4px 4px 4px 4px rgb(56, 24,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 19, 60.122, 308.832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 24, 116) }
```

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

```
.background{ background-color: rgb(56, 24,  
116) }
```

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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