

Converting Colors

CIELCh(19, 40.080, 325.334)

Have a look what the booklet for
CIELCh(19, 40.080, 325.334)
contains.

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Color

CIELCh(19, 40.095, 325.317)

Conversions

Conversions Part 1

Format	Color
Hex	4C1850
RGB	76, 24, 80
RGB Percent	30%, 9%, 31%
CMY	0.7029, 0.9068, 0.6871
CMYK	0.05, 0.70, 0.00, 0.69
HSL	296°, 54%, 20%
HSV	296°, 70%, 31%
XYZ	4.7239, 2.7468, 7.8274
YIQ	45.9320, 13.0160, 28.4400

Conversions

Conversions Part 2

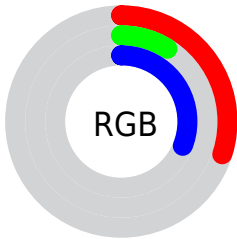
Format	Color
R_YB	76, 24, 80
Decimal	4986960
CIE Lab	19.00, 32.97, -22.82
CIE LCh	19, 40.095, 325.317
Yxy	2.7468, 0.3088, 0.1796
Android (android.graphics.Color)	4283177040 (0xFF4C1850)
YUV	45.9320, 16.7955, 26.3696
Hunter-Lab	16.5735, 21.8731, -16.4002

Details

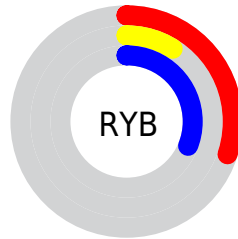
The CIELCh color **19, 40.095, 325.317** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **29, 40.259, 137.618**, and the grayscale version is **19, 0.003, 296.813**.

A 20% lighter version of the original color is **39, 40.185, 325.182**, and **4, 25.405, 324.512** is the 20% darker color. If you saturate the color by 10%, you get **18, 44.043, 325.503**, and if you desaturate by 10%, it is **21, 35.346, 325.042**.

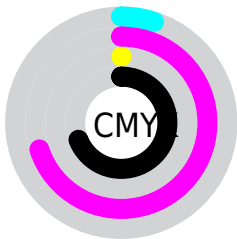
Distribution



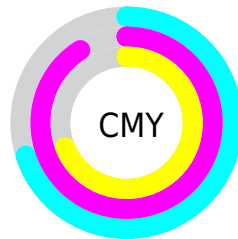
- Red (30%)
- Green (9%)
- Blue (31%)



- Red (30%)
- Yellow (9%)
- Blue (31%)



- Cyan (5%)
- Magenta (70%)
- Yellow (0%)
- Black (69%)



- Cyan (70%)
- Magenta (91%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 40.095, 325.317 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, 40.095, 325.317 by changing the saturation by 10% instead.

■ 19, 40.095,
325.317

■ 19, 40.095,
325.317

■ 100, 40.095,
325.317

■ 9, 40.095, 325.317

■ 39, 40.095,
325.317

■ 0, 40.095, 325.317

■ 49, 40.095,
325.317


■ 59, 40.095,
325.317


■ 69, 40.095,
325.317


■ 79, 40.095,
325.317

■ 89, 40.095,


325.317

 99, 40.095,
325.317


 19, 40.095,
325.317

 19, 40.095,
325.317


 18, 44.043,
325.503


 21, 35.346,
325.042


 17, 47.069,
325.589

 22, 30.002,
324.697

 16, 49.933,
325.674

 25, 24.261,
324.300

 27, 18.288,
323.869

 29, 12.215,
323.417

■ 31, 6.138, 322.951

■ 34, 0.124, 321.513

■ 36, 5.783, 142.097

■ 39, 11.555,
141.658

Harmonies

Complementary

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



19, 40.095, 325.317



29, 40.259, 137.618

Rectangle

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



19, 40.095, 325.317



19, 40.095, 15.317



19, 40.095, 145.317



19, 40.095, 195.317

Sweetspot

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



19, 40.094, 325.317



38, 15.887, 323.489



13, 36.371, 297.510



18, 10.845, 323.558



74, 0.009, 296.813



22, 0.004, 296.813

Same Dimension

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



19, 40.094, 325.317



24, 55.733, 325.570



18, 30.883, 346.064



15, 3.423, 322.881



22, 60.242, 325.581



52, 108.074, 325.400

Inverse Universe

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



18, 28.979, 23.524



22, 43.450, 29.048



30, 30.268, 152.306



15, 2.026, 14.004



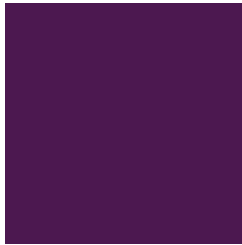
20, 50.045, 33.409



49, 94.482, 37.728

Previews

White Background



This preview shows how the CIE LCh color 19, 40.095, 325.317 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 CIE LCh color 19, 40.095, 325.317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

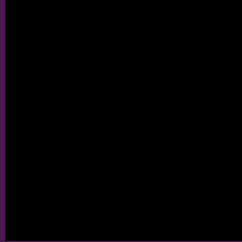
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 19, 40.095, 325.317

Background



This preview shows how black text looks on a background with the CIELCh color 19, 40.095, 325.317.



This preview shows how white text looks on a background with the CIELCh color 19, 40.095, 325.317.

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, 40.095, 325.317

Protanopia
19, 35.167, 283.496

Deuteranopia
20, 19.596, 277.692



Tritanopia
19, 17.236, 17.182

Trichromacy



Original Color
19, 40.095, 325.317

Protanomaly
17, 36.487, 294.402

Deuteranomaly
18, 26.355, 302.394

Tritanomaly
19, 23.214, 346.847

Monochromacy



Original Color
19, 40.095, 325.317

Achromatopsia
19, 0.004, 296.813

Achromatomaly
18, 16.089, 324.605

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 40.095, 325.317 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(76, 24, 80)` looks like.

```
.text, #text, p{  
    color:rgb(76, 24, 80)  
}
```

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(76, 24, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 24, 80) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 40.095, 325.317 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(76, 24, 80) }
```

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

```
.border{ border-color:rgb(76, 24, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 24, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 24, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 24, 80);  
box-shadow:4px 4px 4px 4px rgb(76, 24, 80)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 19, 40.095, 325.317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 24, 80) }
```

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

```
.background{ background-color: rgb(76, 24,  
80) }
```

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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