

Converting Colors

CIELCh(19, 19.310, 325.285)

Have a look what the booklet for
CIELCh(19, 19.310, 325.285)
contains.

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Color

CIELCh(19, 19.105, 325.047)

Conversions

Conversions Part 1

Format	Color
Hex	3D263E
RGB	61, 38, 62
RGB Percent	24%, 15%, 24%
CMY	0.7600, 0.8502, 0.7561
CMYK	0.02, 0.39, 0.00, 0.76
HSL	298°, 24%, 20%
HSV	298°, 39%, 24%
XYZ	3.5110, 2.7468, 4.9313
YIQ	47.6130, 6.0040, 12.3400

Conversions

Conversions Part 2

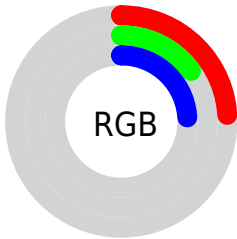
Format	Color
RYB	61, 38, 62
Decimal	4007486
CIELab	19.00, 15.66, -10.95
CIELCh	19, 19.105, 325.047
Yxy	2.7468, 0.3138, 0.2455
Android (android.graphics.Color)	4282197566 (0xFF3D263E)
YUV	47.6130, 7.0928, 11.7404
Hunter-Lab	16.5735, 8.8108, -6.0396




Details

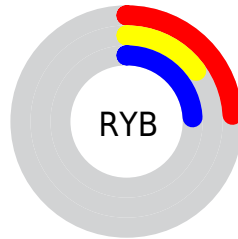
The CIELCh color **19, 19.105, 325.047** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **24, 19.066, 141.060**, and the grayscale version is **20, 0.004, 296.813**.




A 20% lighter version of the original color is **39, 19.565, 324.654**, and **2, 10.672, 318.848** is the 20% darker color. If you saturate the color by 10%, you get **17, 23.858, 325.456**, and if you desaturate by 10%, it is **21, 14.191, 324.611**.

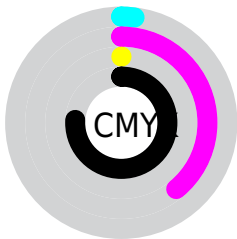
Distribution







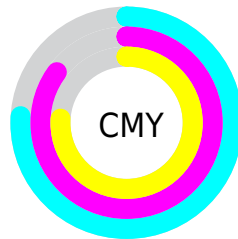
-  Red (24%)
-  Green (15%)
-  Blue (24%)






-  Red (24%)
-  Yellow (15%)
-  Blue (24%)



-  Cyan (2%)
-  Magenta (39%)
-  Yellow (0%)
-  Black (76%)



-  Cyan (76%)
-  Magenta (85%)
-  Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 19.105, 325.047 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, 19.105, 325.047 by changing the saturation by 10% instead.

■ 19, 19.105,
325.047

■ 19, 19.105,
325.047

■ 100, 19.105,
325.047

■ 9, 19.105, 325.047

■ 39, 19.105,
325.047

■ 0, 19.105, 325.047

■ 49, 19.105,
325.047


■ 59, 19.105,
325.047


■ 69, 19.105,
325.047


■ 79, 19.105,
325.047


■ 89, 19.105,


325.047


 99, 19.105,
325.047

 19, 19.105,
325.047


 19, 19.105,
325.047

 17, 23.858,
325.456


 21, 14.191,
324.611

 16, 28.333,
325.826


 23, 9.213, 324.159


 14, 32.390,
326.141

 25, 4.240, 323.692

 13, 35.876,
326.389

 27, 0.680, 143.428

 12, 38.765,
326.570

 31, 10.241,
142.412

■ 11, 41.770,
326.767

■ 33, 14.849,
141.999

■ 11, 42.213,
326.798

■ 35, 19.333,
141.607

■ 37, 23.693,
141.236

Harmonies

Complementary

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



19, 19.105, 325.047



24, 19.066, 141.060

Rectangle

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



19, 19.105, 325.047



19, 19.105, 15.047



19, 19.105, 145.047



19, 19.105, 195.047

Sweetspot

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



19, 19.104, 325.047



32, 7.433, 323.879



17, 15.910, 292.508



15, 4.846, 323.889



69, 0.009, 296.813



16, 0.003, 296.813

Same Dimension

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



19, 19.104, 325.047



24, 28.327, 325.437



19, 14.270, 344.055



10, 2.699, 323.683



20, 55.947, 326.703



51, 104.247, 326.581

Inverse Universe

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



18, 12.192, 19.230



23, 18.687, 20.546



24, 13.833, 157.961



10, 1.576, 16.377



17, 46.403, 33.227



46, 92.453, 38.670

Previews

White Background



This preview shows how the CIE LCh color 19, 19.105, 325.047 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, 19.105, 325.047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

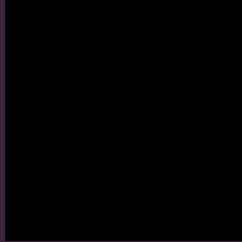
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 19, 19.105, 325.047

Background



This preview shows how black text looks on a background with the CIELCh color 19, 19.105, 325.047.



This preview shows how white text looks on a background with the CIELCh color 19, 19.105, 325.047.

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, 19.105, 325.047

Protanopia

19, 15.186, 283.662

Deuteranopia

19, 10.312, 285.737



Tritanopia
19, 8.538, 7.655

Trichromacy



Original Color
19, 19.105, 325.047

Protanomaly
19, 15.929, 299.681

Deuteranomaly
19, 12.773, 306.537

Tritanomaly
19, 11.182, 344.688

Monochromacy



Original Color
19, 19.105, 325.047

Achromatopsia
20, 0.004, 296.813

Achromatomaly
19, 7.441, 325.212

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 19.105, 325.047 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(61, 38, 62)` looks like.

```
.text, #text, p{  
    color:rgb(61, 38, 62)  
}
```

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(61, 38, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 38, 62) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 19.105, 325.047 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(61, 38, 62) }
```

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

```
.border{ border-color:rgb(61, 38, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 38, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 38, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 38, 62);  
box-shadow:4px 4px 4px 4px rgb(61, 38, 62)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 19, 19.105, 325.047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 38, 62) }
```

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

```
.background{ background-color: rgb(61, 38,  
62) }
```

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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