

Converting Colors

CIELCh(39, 20.074, 315.731)

Have a look what the booklet for
CIELCh(39, 20.074, 315.731)
contains.

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Color

CIELCh(39, 20.040, 315.725)

Conversions

Conversions Part 1

Format	Color
Hex	695573
RGB	105, 85, 115
RGB Percent	41%, 33%, 45%
CMY	0.5896, 0.6679, 0.5504
CMYK	0.09, 0.26, 0.00, 0.55
HSL	280°, 15%, 39%
HSV	280°, 26%, 45%
XYZ	12.0841, 10.6589, 17.5375
YIQ	94.4000, 2.2900, 13.5700

Conversions

Conversions Part 2

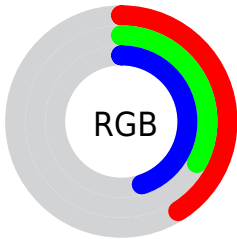
Format	Color
R _Y B	105, 85, 115
Decimal	6903155
CIE Lab	39.00, 14.35, -13.99
CIE LCh	39, 20.040, 315.725
Yxy	10.6589, 0.3000, 0.2646
Android (android.graphics.Color)	4285093235 (0xFF695573)
YUV	94.4000, 10.1558, 9.2962
Hunter-Lab	32.6480, 8.9347, -8.9951

Details

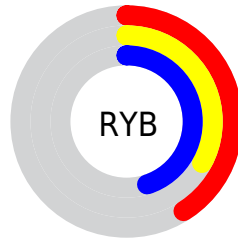
The CIELCh color $[39, 20.040, 315.725]$ is a dark color, and the websafe version is hex `666699`. A complement of this color would be $[46, 19.620, 133.533]$, and the grayscale version is $[40, 0.006, 296.813]$.

A 20% lighter version of the original color is $[59, 19.968, 316.128]$, and $[19, 19.795, 315.016]$ is the 20% darker color. If you saturate the color by 10%, you get $[36, 27.868, 316.144]$, and if you desaturate by 10%, it is $[43, 12.266, 315.303]$.

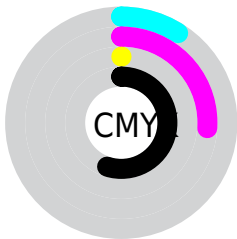
Distribution



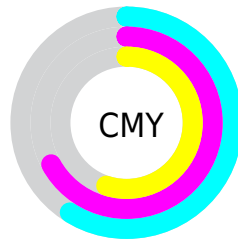
- Red (41%)
- Green (33%)
- Blue (45%)



- Red (41%)
- Yellow (33%)
- Blue (45%)



- Cyan (9%)
- Magenta (26%)
- Yellow (0%)
- Black (55%)



- Cyan (59%)
- Magenta (67%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 20.040, 315.725 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 39, 20.040, 315.725 by changing the saturation by 10% instead.

■ 39, 20.040,
315.725

■ 39, 20.040,
315.725

■ 100, 20.040,
315.725

■ 29, 20.040,
315.725

■ 59, 20.040,
315.725

■ 19, 20.040,
315.725

■ 69, 20.040,
315.725

■ 9, 20.040, 315.725

■ 79, 20.040,
315.725

■ 0, 20.040, 315.725

■ 89, 20.040,
315.725

■ 99, 20.040,
315.725

■ 39, 20.040,
315.725

■ 39, 20.040,
315.725

■ 36, 27.868,
316.144

■ 43, 12.266,
315.303

■ 32, 35.640,
316.541

■ 46, 4.623, 314.882

■ 50, 2.851, 134.563

■ 29, 43.175,
316.887

■ 53, 10.133,
134.176

■ 26, 50.220,
317.141

■ 57, 17.215,
133.842

■ 24, 56.438,
317.250

■ 61, 24.096,
133.540

■ 22, 61.449,
317.152


■ 64, 30.781,
133.268

■ 20, 65.172,
316.844

■ 68, 37.275,
133.023

■ 19, 66.628,

316.752

 71, 43.589,
132.804

Harmonies

Complementary

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



39, 20.040, 315.725



46, 19.620, 133.533

Rectangle

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



39, 20.040, 315.725



39, 20.040, 5.725



39, 20.040, 135.725



39, 20.040, 185.725

Sweetspot

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



39, 20.039, 315.725



58, 7.426, 314.970



40, 12.382, 273.482



29, 5.250, 315.022



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



39, 20.039, 315.725



48, 29.379, 315.962



40, 19.670, 330.344



22, 4.166, 315.003



20, 68.789, 316.705



45, 117.901, 316.148

Inverse Universe

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



39, 14.173, 356.270



48, 20.843, 356.972



45, 19.619, 147.085



22, 2.913, 354.420



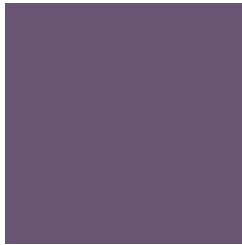
24, 49.027, 15.719



52, 84.868, 19.164

Previews

White Background



This preview shows how the CIELCh color 39, 20.040, 315.725 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 × Fail

Black Background



This preview shows how the CIELCh color 39, 20.040, 315.725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 39, 20.040, 315.725

Background



This preview shows how black text looks on a background with the CIELCh color 39, 20.040, 315.725.



This preview shows how white text looks on a background with the CIELCh color 39, 20.040, 315.725.

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


39, 20.040, 315.725

Protanopia

39, 17.219, 285.483

Deuteranopia

39, 14.715, 292.433



Tritanopia
39, 7.320, 344.710

Trichromacy



Original Color
39, 20.040, 315.725

Protanomaly
39, 17.238, 296.538

Deuteranomaly
39, 16.239, 302.118

Tritanomaly
39, 11.342, 326.974

Monochromacy



Original Color
39, 20.040, 315.725

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 7.344, 314.092

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 20.040, 315.725 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(105, 85, 115)` looks like.

```
.text, #text, p{  
    color:rgb(105, 85, 115)  
}
```

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(105, 85, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 85, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 20.040, 315.725 is called "border". The border property can be set on classes, ids or directly on the HTML element.

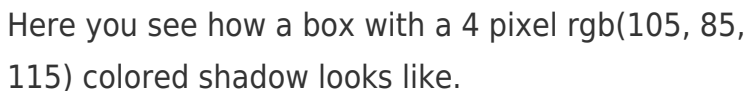
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 85, 115) }
```

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

```
.border{ border-color:rgb(105, 85, 115) }
```

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



Here you see how a box with a 4 pixel `rgb(105, 85, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(105, 85, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(105, 85, 115); box-shadow:4px 4px 4px 4px rgb(105, 85, 115) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 20.040, 315.725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 85, 115) }
```

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

```
.background{ background-color: rgb(105, 85,  
115) }
```

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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