

Converting Colors

CIELCh(21, 38.877, 345.202)

Have a look what the booklet for
CIELCh(21, 38.877, 345.202)
contains.

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Color

CIELCh(21, 39.149, 345.118)

Conversions

Conversions Part 1

Format	Color
Hex	5E1342
RGB	94, 19, 66
RGB Percent	37%, 7%, 26%
CMY	0.6311, 0.9252, 0.7410
CMYK	0.00, 0.80, 0.30, 0.63
HSL	322°, 66%, 22%
HSV	322°, 80%, 37%
XYZ	5.8416, 3.2451, 5.4813
YIQ	46.7830, 29.6130, 30.5170

Conversions

Conversions Part 2

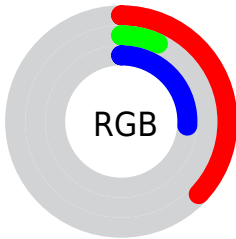
Format	Color
RYB	94, 19, 66
Decimal	6165314
CIELab	21.00, 37.84, -10.05
CIElCh	21, 39.149, 345.118
Yxy	3.2451, 0.4010, 0.2228
Android (android.graphics.Color)	4284355394 (0xFF5E1342)
YUV	46.7830, 9.4740, 41.4093
Hunter-Lab	18.0142, 26.3586, -5.4305




Details

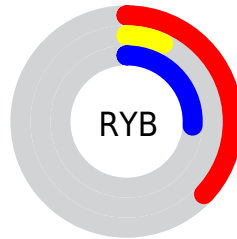
The CIELCh color **21, 39.149, 345.118** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **35, 39.705, 148.673**, and the grayscale version is **19, 0.004, 296.813**.



A 20% lighter version of the original color is **41, 39.260, 344.934**, and **6, 25.789, 353.848** is the 20% darker color. If you saturate the color by 10%, you get **20, 41.347, 346.849**, and if you desaturate by 10%, it is **23, 35.872, 343.680**.

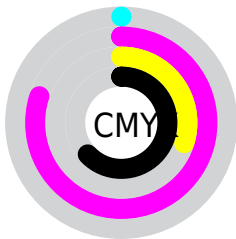
Distribution







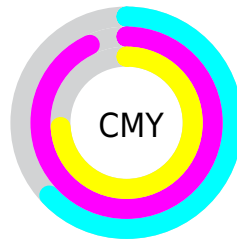
-  Red (37%)
-  Green (7%)
-  Blue (26%)






-  Red (37%)
-  Yellow (7%)
-  Blue (26%)



-  Cyan (0%)
-  Magenta (80%)
-  Yellow (30%)
-  Black (63%)





-  Cyan (63%)
-  Magenta (93%)
-  Yellow (74%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 21, 39.149, 345.118 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 21, 39.149, 345.118 by changing the saturation by 10% instead.

 21, 39.149,
345.118


 21, 39.149,
345.118

 100, 39.149,
345.118


 11, 39.149,
345.118


 41, 39.149,
345.118


 1, 39.149, 345.118

 51, 39.149,
345.118

 0, 39.149, 345.118

 61, 39.149,
345.118

 71, 39.149,
345.118

 81, 39.149,
345.118

 91, 39.149,

345.118

■ 21, 39.149,
345.118

■ 21, 39.149,
345.118

■ 20, 41.347,
346.849

■ 23, 35.872,
343.680

■ 19, 43.154,
348.663

■ 24, 31.718,
342.458

■ 19, 43.208,
348.711

■ 27, 26.923,
341.392

■ 29, 21.715,
340.444

■ 32, 16.283,
339.583

■ 34, 10.768,
338.789

■ 37, 5.270, 338.041

■ 40, 0.145, 158.848

■ 43, 5.438, 156.806

Harmonies

Complementary

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



21, 39.149, 345.118



35, 39.705, 148.673

Rectangle

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



21, 39.149, 345.118



21, 39.149, 35.118



21, 39.149, 165.118



21, 39.149, 215.118

Sweetspot

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



21, 39.147, 345.119



43, 16.313, 339.180



15, 50.883, 309.188



20, 11.109, 339.370



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



21, 39.147, 345.119



26, 51.170, 348.740



20, 36.831, 22.577



17, 2.974, 337.972



23, 47.953, 349.240



52, 83.520, 351.146

Inverse Universe

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



21, 39.147, 345.119



26, 51.170, 348.740



36, 24.618, 181.505



17, 2.974, 337.972



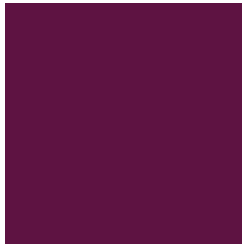
23, 47.953, 349.240



52, 83.520, 351.146

Previews

White Background



This preview shows how the CIELCh color 21, 39.149, 345.118 looks on a white background.

Color Contrast Check

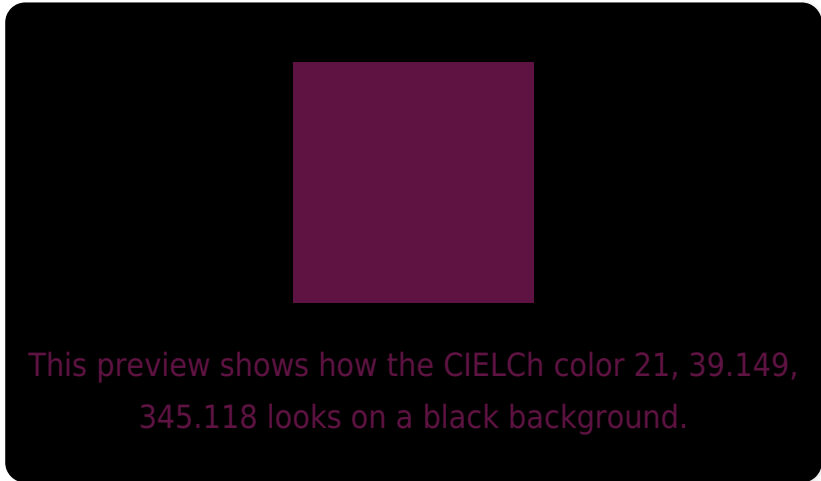
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

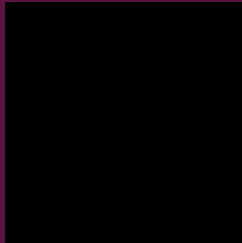
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 21, 39.149, 345.118

Background



This preview shows how black text looks on a background with the CIELCh color 21, 39.149, 345.118.



This preview shows how white text looks on a background with the CIELCh color 21, 39.149, 345.118.

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

21, 39.149, 345.118

Protanopia

22, 25.696, 285.086

Deuteranopia

22, 7.476, 298.482



Tritanopia
21, 31.401, 26.745

Trichromacy



Original Color
21, 39.149, 345.118

Protanomaly
20, 29.320, 309.243

Deuteranomaly
20, 20.376, 331.960

Tritanomaly
21, 31.969, 9.952

Monochromacy



Original Color
21, 39.149, 345.118

Achromatopsia
19, 0.004, 296.813

Achromatomaly
19, 16.783, 340.294

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 21, 39.149, 345.118 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(94, 19, 66)` looks like.

```
.text, #text, p{  
    color:rgb(94, 19, 66)  
}
```

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(94, 19, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 19, 66) }
```

Border

The CSS property to change the border of an element to CIELCh 21, 39.149, 345.118 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(94, 19, 66) }
```

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

```
.border{ border-color:rgb(94, 19, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 19, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 19, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 19, 66);  
box-shadow:4px 4px 4px 4px rgb(94, 19, 66)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 21, 39.149, 345.118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 19, 66) }
```

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

```
.background{ background-color: rgb(94, 19,  
66) }
```

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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