

Converting Colors

CIELCh(21, 39.444, 358.467)

Have a look what the booklet for
CIELCh(21, 39.444, 358.467)
contains.

CIELCh(21, 39.359, 358.554)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(21, 39.359, 358.554)

Conversions

Conversions Part 1

Format	Color
Hex	630E35
RGB	99, 14, 53
RGB Percent	39%, 5%, 21%
CMY	0.6109, 0.9440, 0.7915
CMYK	0.00, 0.86, 0.46, 0.61
HSL	333°, 75%, 22%
HSV	333°, 86%, 39%
XYZ	5.9768, 3.2451, 3.7010
YIQ	43.8610, 38.1410, 30.1490

Conversions

Conversions Part 2

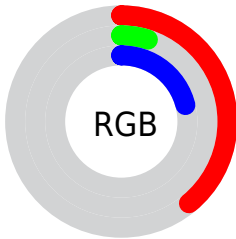
Format	Color
RYB	99, 14, 53
Decimal	6491701
CIELab	21.00, 39.35, -0.99
CIELCh	21, 39.359, 358.554
Yxy	3.2451, 0.4625, 0.2511
Android (android.graphics.Color)	4284681781 (0xFF630E35)
YUV	43.8610, 4.5055, 48.3569
Hunter-Lab	18.0142, 27.6983, 0.4289

Details

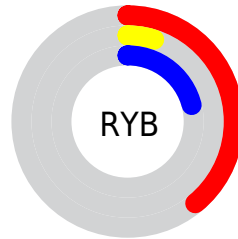
The CIELCh color **21, 39.359, 358.554** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **37, 37.317, 155.512**, and the grayscale version is **18, 0.003, 296.813**.

A 20% lighter version of the original color is **41, 38.923, 358.859**, and **6, 26.172, 14.724** is the 20% darker color. If you saturate the color by 10%, you get **20, 41.390, 1.712**, and if you desaturate by 10%, it is **22, 36.538, 355.894**.

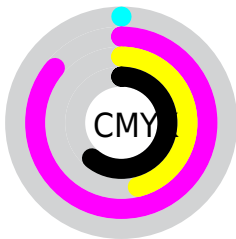
Distribution



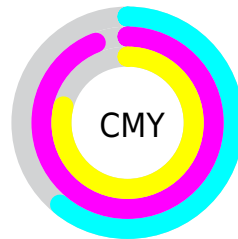
- Red (39%)
- Green (5%)
- Blue (21%)



- Red (39%)
- Yellow (5%)
- Blue (21%)



- Cyan (0%)
- Magenta (86%)
- Yellow (46%)
- Black (61%)





- Cyan (61%)
- Magenta (94%)
- Yellow (79%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 21, 39.359, 358.554 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, 39.359, 358.554 by changing the saturation by 10% instead.

 21, 39.359,
358.554


 21, 39.359,
358.554

 100, 39.359,
358.554


 11, 39.359,
358.554


 41, 39.359,
358.554


 1, 39.359, 358.554


 51, 39.359,
358.554

 0, 39.359, 358.554

 61, 39.359,
358.554

 71, 39.359,
358.554

 81, 39.359,
358.554

 91, 39.359,

358.554

■ 21, 39.359,
358.554

■ 21, 39.359,
358.554

■ 20, 41.390, 1.712

■ 22, 36.538,
355.894

■ 19, 42.348, 3.046

■ 24, 32.814,
353.754

■ 26, 28.394,
352.005

■ 29, 23.512,
350.546

■ 32, 18.375,
349.302

■ 34, 13.145,
348.217

■ 37, 7.933, 347.250

■ 40, 2.815, 346.336

■ 43, 2.168, 165.768

Harmonies

Complementary

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



21, 39.359, 358.554



37, 37.317, 155.512

Rectangle

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



21, 39.359, 358.554



21, 39.359, 48.554



21, 39.359, 178.554



21, 39.359, 228.554

Sweetspot

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



21, 39.357, 358.555



45, 16.688, 348.338



16, 55.375, 313.437



22, 11.420, 348.592



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



21, 39.357, 358.555



27, 51.267, 4.529



20, 43.452, 34.663



18, 2.774, 346.638



23, 46.151, 3.757



51, 80.560, 6.903

Inverse Universe

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



21, 39.357, 358.555



27, 51.267, 4.529



37, 22.974, 201.045



18, 2.774, 346.638



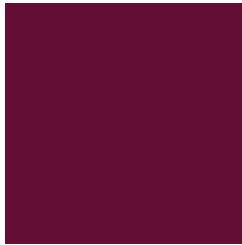
23, 46.151, 3.757



51, 80.560, 6.903

Previews

White Background



This preview shows how the CIE LCh color 21, 39.359, 358.554 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 21, 39.359, 358.554 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 21, 39.359, 358.554

Background



This preview shows how black text looks on a background with the CIELCh color 21, 39.359, 358.554.



This preview shows how white text looks on a background with the CIELCh color 21, 39.359, 358.554.

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, 39.359, 358.554

Protanopia

22, 14.870, 284.540

Deuteranopia

22, 4.070, 39.182



Tritanopia
21, 38.179, 29.742

Trichromacy



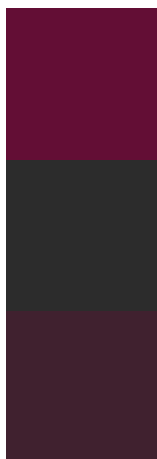
Original Color
21, 39.359, 358.554

Protanomaly
20, 22.034, 325.397

Deuteranomaly
20, 18.839, 357.106

Tritanomaly
21, 37.256, 18.126

Monochromacy



Original Color
21, 39.359, 358.554

Achromatopsia
18, 0.003, 296.813

Achromatomaly
17, 17.302, 350.910

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 21, 39.359, 358.554 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(99, 14, 53)` looks like.

```
.text, #text, p{  
    color:rgb(99, 14, 53)  
}
```

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(99, 14, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 14, 53) }
```

Border

The CSS property to change the border of an element to CIELCh 21, 39.359, 358.554 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(99, 14, 53) }
```

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

```
.border{ border-color:rgb(99, 14, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 14, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 14, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 14, 53);  
box-shadow:4px 4px 4px 4px rgb(99, 14, 53)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 21, 39.359, 358.554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 14, 53) }
```

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

```
.background{ background-color: rgb(99, 14,  
53) }
```

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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