

Converting Colors

CIELCh(16, 39.095, 320.743)

Have a look what the booklet for
CIELCh(16, 39.095, 320.743)
contains.

CIELCh(16, 39.095, 320.743)	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(16, 39.095, 320.743)

Conversions

Conversions Part 1

Format	Color
Hex	3F144B
RGB	63, 20, 75
RGB Percent	25%, 8%, 29%
CMY	0.7513, 0.9199, 0.7043
CMYK	0.16, 0.73, 0.00, 0.70
HSL	287°, 57%, 19%
HSV	287°, 73%, 30%
XYZ	3.6185, 2.0993, 6.9455
YIQ	39.1270, 7.9730, 26.2210

Conversions

Conversions Part 2

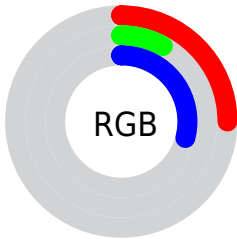
Format	Color
R_{YB}	63, 20, 75
Decimal	4133963
CIE _{Lab}	16.00, 30.27, -24.74
CIE _{LCh}	16, 39.095, 320.743
Yxy	2.0993, 0.2857, 0.1658
Android (android.graphics.Color)	4282324043 (0xFF3F144B)
YUV	39.1270, 17.6854, 20.9366
Hunter-Lab	14.4890, 19.2231, -18.2791

Details

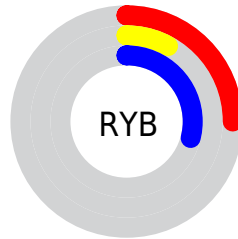
The CIELCh color **16, 39.095, 320.743** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **28, 38.220, 134.500**, and the grayscale version is **16, 0.003, 296.813**.

A 20% lighter version of the original color is **36, 38.718, 320.930**, and **2, 18.075, 300.461** is the 20% darker color. If you saturate the color by 10%, you get **14, 43.008, 320.797**, and if you desaturate by 10%, it is **18, 34.474, 320.560**.

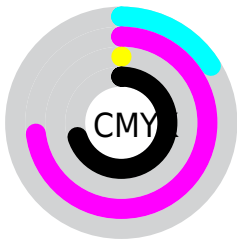
Distribution



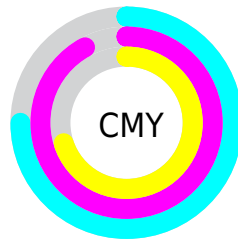
- Red (25%)
- Green (8%)
- Blue (29%)



- Red (25%)
- Yellow (8%)
- Blue (29%)



- Cyan (16%)
- Magenta (73%)
- Yellow (0%)
- Black (70%)



- Cyan (75%)
- Magenta (92%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 16, 39.095, 320.743 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 16, 39.095, 320.743 by changing the saturation by 10% instead.

■ 16, 39.095,
320.743

■ 16, 39.095,
320.743

■ 100, 39.095,
320.743

■ 6, 39.095, 320.743

■ 36, 39.095,
320.743

■ 0, 39.095, 320.743

■ 46, 39.095,
320.743


■ 56, 39.095,
320.743


■ 66, 39.095,
320.743


■ 76, 39.095,
320.743


■ 86, 39.095,


320.743


 96, 39.095,
320.743

 16, 39.095,
320.743


 16, 39.095,
320.743


 14, 43.008,
320.797


 18, 34.474,
320.560


 13, 46.281,
320.748

 20, 29.360,
320.283

 12, 48.784,
320.781

 22, 23.940,
319.943

 24, 18.361,
319.564

 26, 12.733,
319.167

■ 29, 7.131, 318.761

■ 31, 1.605, 318.320

■ 34, 3.815, 138.031

■ 36, 9.109, 137.655

Harmonies

Complementary

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



16, 39.095, 320.743



28, 38.220, 134.500

Rectangle

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



16, 39.095, 320.743



16, 39.095, 10.743



16, 39.095, 140.743



16, 39.095, 190.743

Sweetspot

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



16, 39.094, 320.743



35, 15.034, 319.161



14, 29.863, 291.092



16, 9.971, 319.206



72, 0.009, 296.813



20, 0.004, 296.813

Same Dimension

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



16, 39.094, 320.743



19, 54.118, 320.720



17, 33.248, 338.122



14, 3.104, 318.586



19, 60.150, 320.486



46, 109.097, 319.971

Inverse Universe

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



16, 27.697, 13.002



20, 39.720, 19.357



28, 33.769, 146.091



14, 1.992, 2.531



20, 45.686, 24.594



48, 85.417, 28.911

Previews

White Background



This preview shows how the CIELCh color 16, 39.095, 320.743 looks on a white background.

Color Contrast Check

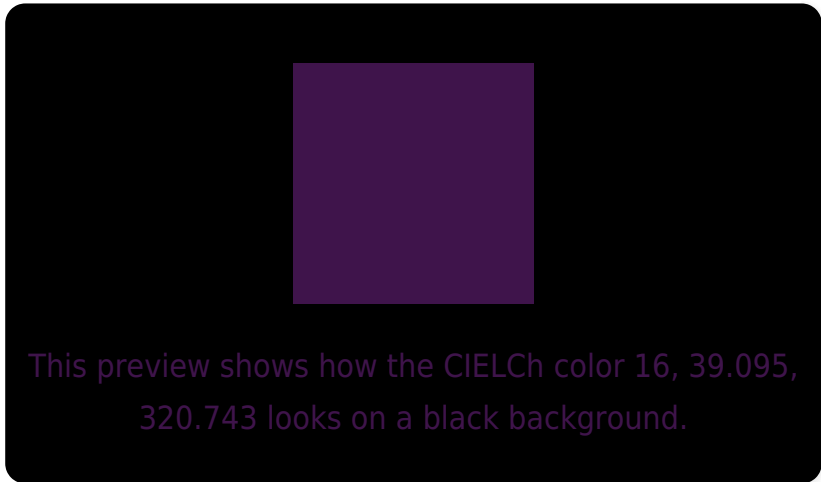
Large Text (above 18pt) WCAG AA ✓ Pass

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 16, 39.095, 320.743

Background



This preview shows how black text looks on a background with the CIELCh color 16, 39.095, 320.743.



This preview shows how white text looks on a background with the CIELCh color 16, 39.095, 320.743.

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

16, 39.095, 320.743

Protanopia

16, 31.115, 282.342

Deuteranopia

17, 21.704, 275.075



Tritanopia
16, 12.339, 13.149

Trichromacy



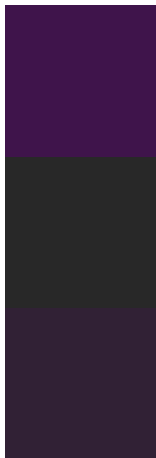
Original Color
16, 39.095, 320.743

Protanomaly
15, 33.737, 294.066

Deuteranomaly
15, 27.414, 296.381

Tritanomaly
16, 20.357, 337.259

Monochromacy



Original Color
16, 39.095, 320.743

Achromatopsia
16, 0.003, 296.813

Achromatomaly
15, 15.735, 320.217

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 16, 39.095, 320.743 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(63, 20, 75)` looks like.

```
.text, #text, p{  
    color:rgb(63, 20, 75)  
}
```

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(63, 20, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 20, 75) }
```

Border

The CSS property to change the border of an element to CIELCh 16, 39.095, 320.743 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(63, 20, 75) }
```

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

```
.border{ border-color:rgb(63, 20, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 20, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 20, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 20, 75);  
box-shadow:4px 4px 4px 4px rgb(63, 20, 75)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 16, 39.095, 320.743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 20, 75) }
```

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

```
.background{ background-color: rgb(63, 20,  
75) }
```

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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