

Converting Colors

CIELCh(39, 42.305, 101.056)

Have a look what the booklet for
CIELCh(39, 42.305, 101.056)
contains.

CIELCh(39, 42.204, 100.801)	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(39, 42.204, 100.801)

Conversions

Conversions Part 1

Format	Color
Hex	625E10
RGB	98, 94, 16
RGB Percent	38%, 37%, 6%
CMY	0.6153, 0.6310, 0.9369
CMYK	0.00, 0.04, 0.84, 0.62
HSL	57°, 72%, 22%
HSV	57°, 84%, 38%
XYZ	9.1505, 10.6589, 2.0692
YIQ	86.3040, 27.4220, -23.4100

Conversions

Conversions Part 2

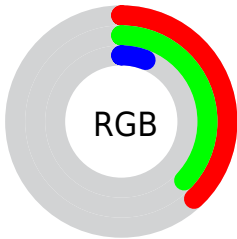
Format	Color
R_{YB}	20, 98, 16
Decimal	6446608
CIE Lab	39.00, -7.91, 41.46
CIE LCh	39, 42.204, 100.801
Yxy	10.6589, 0.4182, 0.4872
Android (android.graphics.Color)	4284636688 (0xFF625E10)
YUV	86.3040, -34.6599, 10.2574
Hunter-Lab	32.6480, -7.1046, 19.0960

Details

The CIELCh color **39, 42.204, 100.801** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **13, 54.160, 302.174**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 41.977, 100.940**, and **19, 27.684, 103.930** is the 20% darker color. If you saturate the color by 10%, you get **39, 44.838, 100.223**, and if you desaturate by 10%, it is **39, 38.641, 101.493**.

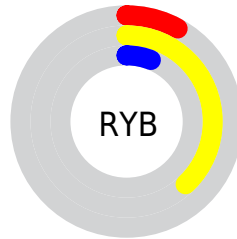
Distribution



Red (38%)

Green (37%)

Blue (6%)



Red (8%)

Yellow (38%)

Blue (6%)

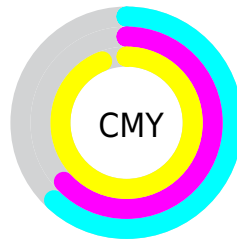


Cyan (0%)

Magenta (4%)

Yellow (84%)

Black (62%)



Cyan (62%)


Magenta (63%)


Yellow (94%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 42.204, 100.801 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, 42.204, 100.801 by changing the saturation by 10% instead.


 39, 42.204,
100.801


 39, 42.204,
100.801

 100, 42.204,
100.801


 29, 42.204,
100.801

 59, 42.204,
100.801


 19, 42.204,
100.801


 69, 42.204,
100.801

 9, 42.204, 100.801

 79, 42.204,
100.801

 0, 42.204, 100.801

 89, 42.204,
100.801

 99, 42.204,
100.801

■ 39, 42.204,
100.801

■ 39, 42.204,
100.801

■ 39, 44.838,
100.223

■ 39, 38.641,
101.493

■ 39, 46.521, 99.862

■ 39, 34.301,
102.280

■ 40, 29.430,
103.141

■ 40, 24.218,
104.050

■ 40, 18.798,
104.987

■ 41, 13.256,
105.936

■ 41, 7.650, 106.882

■ 41, 2.016, 107.800

Harmonies

Complementary

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



39, 42.204, 100.801



13, 54.160, 302.174

Rectangle

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



39, 42.204, 100.801



39, 42.204, 150.801



39, 42.204, 280.801



39, 42.204, 330.801

Sweetspot

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



39, 42.204, 100.803



52, 17.422, 105.731



20, 41.538, 30.091



26, 11.772, 105.507



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



39, 42.204, 100.803



50, 55.998, 99.769



37, 47.401, 124.635



20, 3.127, 107.323



44, 51.123, 99.812



89, 89.184, 99.612

Inverse Universe

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



13, 54.160, 302.174



14, 77.453, 305.376



16, 54.362, 311.305



18, 3.184, 289.037



11, 70.320, 305.234



31, 125.725, 305.861

Previews

White Background



This preview shows how the CIELCh color 39, 42.204, 100.801 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, 42.204, 100.801 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, 42.204, 100.801

Background



This preview shows how black text looks on a background with the CIELCh color 39, 42.204, 100.801.



This preview shows how white text looks on a background with the CIELCh color 39, 42.204, 100.801.

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, 42.204, 100.801

Protanopia

39, 41.849, 95.207

Deuteranopia

39, 40.970, 82.677



Tritanopia
39, 7.739, 352.317

Trichromacy



Original Color
39, 42.204, 100.801

Protanomaly
39, 42.028, 97.337

Deuteranomaly
39, 40.771, 90.051

Tritanomaly
39, 15.693, 86.848

Monochromacy



Original Color
39, 42.204, 100.801

Achromatopsia
37, 0.005, 296.813

Achromatomaly
37, 17.043, 105.806

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 42.204, 100.801 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(98, 94, 16)` looks like.

```
.text, #text, p{  
    color:rgb(98, 94, 16)  
}
```

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(98, 94, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 94, 16) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 42.204, 100.801 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(98, 94, 16) }
```

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

```
.border{ border-color:rgb(98, 94, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 94, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 94, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 94, 16);  
box-shadow:4px 4px 4px 4px rgb(98, 94, 16)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 42.204, 100.801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 94, 16) }
```

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

```
.background{ background-color: rgb(98, 94,  
16) }
```

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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