

Converting Colors

CIELCh(39, 52.708, 122.708)

Have a look what the booklet for
CIELCh(39, 52.708, 122.708)
contains.

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Color

CIELCh(39, 52.518, 122.560)

Conversions

Conversions Part 1

Format	Color
Hex	406602
RGB	64, 102, 2
RGB Percent	25%, 40%, 1%
CMY	0.7479, 0.5990, 0.9908
CMYK	0.37, 0.00, 0.98, 0.60
HSL	83°, 96%, 21%
HSV	83°, 98%, 40%
XYZ	6.9223, 10.6589, 1.7595
YIQ	79.2380, 9.4520, -39.1560

Conversions

Conversions Part 2

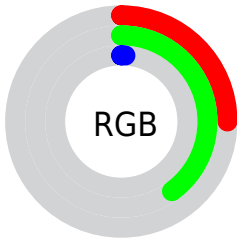
Format	Color
R_{YB}	2, 102, 40
Decimal	4220418
CIE Lab	39.00, -28.26, 44.26
CIE LCh	39, 52.518, 122.560
Yxy	10.6589, 0.3579, 0.5511
Android (android.graphics.Color)	4282410498 (0xFF406602)
YUV	79.2380, -38.0783, -13.3637
Hunter-Lab	32.6480, -19.2872, 19.6583

Details

The CIELCh color **39, 52.518, 122.560** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **12, 63.720, 309.995**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 52.373, 122.455**, and **19, 37.564, 135.078** is the 20% darker color. If you saturate the color by 10%, you get **39, 53.248, 122.637**, and if you desaturate by 10%, it is **39, 49.448, 122.083**.

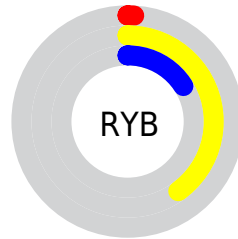
Distribution



Red (25%)

Green (40%)

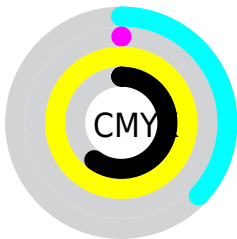
Blue (1%)



Red (1%)

Yellow (40%)

Blue (16%)

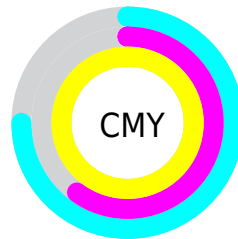


Cyan (37%)

Magenta (0%)

Yellow (98%)

Black (60%)



Cyan (75%)


Magenta (60%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 52.518, 122.560 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, 52.518, 122.560 by changing the saturation by 10% instead.


 39, 52.518,
122.560


 39, 52.518,
122.560

 100, 52.518,
122.560

 29, 52.518,
122.560

 59, 52.518,
122.560


 19, 52.518,
122.560


 69, 52.518,
122.560

 9, 52.518, 122.560

 79, 52.518,
122.560

 0, 52.518, 122.560

 89, 52.518,
122.560

 99, 52.518,
122.560

■ 39, 52.518,
122.560

■ 39, 52.518,
122.560

■ 39, 53.248,
122.637

■ 39, 49.448,
122.083

■ 40, 45.671,
121.809

■ 40, 40.992,
121.848

■ 40, 35.658,
122.101

■ 41, 29.883,
122.486

■ 41, 23.825,
122.944

■ 42, 17.595,
123.436

■ 42, 11.271,

123.934

■ 43, 4.907, 124.426

Harmonies

Complementary

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



39, 52.518, 122.560



12, 63.720, 309.995

Rectangle

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



39, 52.518, 122.560



39, 52.518, 172.560



39, 52.518, 302.560



39, 52.518, 352.560

Sweetspot

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



39, 52.518, 122.561



53, 22.773, 123.331



25, 43.492, 52.159



27, 15.479, 123.181



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



39, 52.518, 122.561



50, 64.310, 123.082



37, 59.577, 135.033



21, 3.564, 124.367



44, 57.864, 122.846



87, 101.081, 123.794

Inverse Universe

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



12, 63.720, 309.995



17, 78.469, 309.812



21, 58.954, 323.392



19, 3.619, 305.203



14, 70.603, 309.970



35, 123.324, 309.347

Previews

White Background



This preview shows how the CIELCh color 39, 52.518, 122.560 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, 52.518, 122.560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

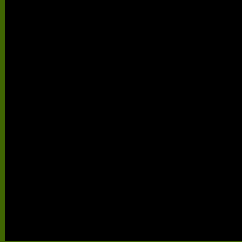
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 52.518, 122.560

Background



This preview shows how black text looks on a background with the CIELCh color 39, 52.518, 122.560.



This preview shows how white text looks on a background with the CIELCh color 39, 52.518, 122.560.

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

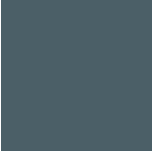
39, 52.518, 122.560

Protanopia

39, 46.373, 95.909

Deuteranopia

39, 40.760, 83.329



Tritanopia
39, 8.944, 232.011

Trichromacy



Original Color
39, 52.518, 122.560

Protanomaly
39, 47.276, 107.127

Deuteranomaly
39, 42.448, 100.724

Tritanomaly
39, 22.715, 138.399

Monochromacy



Original Color
39, 52.518, 122.560

Achromatopsia
34, 0.005, 296.813

Achromatomaly
35, 22.833, 123.167

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 52.518, 122.560 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(64, 102, 2)` looks like.

```
.text, #text, p{  
    color:rgb(64, 102, 2)  
}
```

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(64, 102, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 102, 2) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 52.518, 122.560 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(64, 102, 2) }
```

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

```
.border{ border-color:rgb(64, 102, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 102, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 102, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 102, 2);  
box-shadow:4px 4px 4px 4px rgb(64, 102, 2)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 52.518, 122.560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 102, 2) }
```

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

```
.background{ background-color: rgb(64, 102,  
2) }
```

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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