

Converting Colors

CIELCh(39, 5.752, 64.270)

Have a look what the booklet for
CIELCh(39, 5.752, 64.270) contains.

CIELCh(39, 5.388, 62.414)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(39, 5.388, 62.414)

Conversions

Conversions Part 1

Format	Color
Hex	635A54
RGB	99, 90, 84
RGB Percent	39%, 35%, 33%
CMY	0.6109, 0.6462, 0.6697
CMYK	0.00, 0.09, 0.15, 0.61
HSL	24°, 8%, 36%
HSV	24°, 15%, 39%
XYZ	10.4543, 10.6589, 9.9392
YIQ	92.0070, 7.2900, 0.0420

Conversions

Conversions Part 2

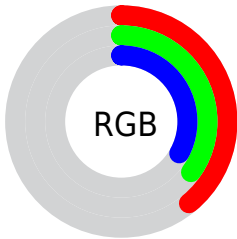
Format	Color
RYB	99, 94, 84
Decimal	6511188
CIELab	39.00, 2.50, 4.78
CIELCh	39, 5.388, 62.414
Yxy	10.6589, 0.3367, 0.3433
Android (android.graphics.Color)	4284701268 (0xFF635A54)
YUV	92.0070, -3.9475, 6.1329
Hunter-Lab	32.6480, 0.0236, 4.8037

Details

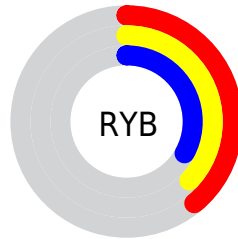
The CIELCh color $39, 5.388, 62.414$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $39, 5.081, 245.608$, and the grayscale version is $39, 0.006, 296.813$.

A 20% lighter version of the original color is $59, 5.633, 64.093$, and $19, 5.417, 68.666$ is the 20% darker color. If you saturate the color by 10%, you get $37, 9.221, 61.519$, and if you desaturate by 10%, it is $41, 1.772, 63.274$.

Distribution



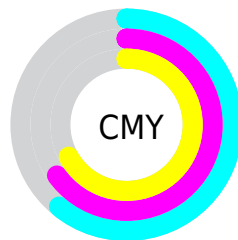
- Red (39%)
- Green (35%)
- Blue (33%)



- Red (39%)
- Yellow (37%)
- Blue (33%)



- Cyan (0%)
- Magenta (9%)
- Yellow (15%)
- Black (61%)



- Cyan (61%)
- Magenta (65%)
- Yellow (67%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 5.388, 62.414 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, 5.388, 62.414 by changing the saturation by 10% instead.

 39, 5.388, 62.414  39, 5.388, 62.414

 100, 5.388, 62.414  29, 5.388, 62.414

 59, 5.388, 62.414  19, 5.388, 62.414

 69, 5.388, 62.414  9, 5.388, 62.414


 79, 5.388, 62.414  0, 5.388, 62.414

 89, 5.388, 62.414

 99, 5.388, 62.414

 39, 5.388, 62.414  39, 5.388, 62.414

 37, 9.221, 61.519  41, 1.772, 63.274

 35, 13.289, 60.622  43, 1.648, 244.537

33, 17.600, 59.756

45, 4.890, 245.375

31, 22.151, 58.926

47, 7.976, 246.287

30, 26.908, 58.120

49, 10.921,
247.193

28, 31.783, 57.298

51, 13.744,
248.080

26, 36.580, 56.352

25, 40.772, 54.953

53, 16.458,
248.943

24, 42.708, 54.338

56, 19.075,
249.778

58, 21.608,
250.584

Harmonies

Complementary

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



39, 5.388, 62.414



39, 5.081, 245.608

Rectangle

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



39, 5.388, 62.414



39, 5.388, 112.414



39, 5.388, 242.414



39, 5.388, 292.414

Sweetspot

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



39, 5.388, 62.430



53, 2.160, 63.273



38, 8.447, 339.693



27, 1.487, 63.238



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, 5.388, 62.430



50, 8.092, 62.118



41, 8.165, 104.320



19, 1.924, 62.985



28, 47.594, 54.444



59, 85.860, 52.501

Inverse Universe

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



39, 5.081, 245.608



50, 7.518, 246.038



37, 8.373, 287.435



19, 1.863, 244.906



27, 31.065, 269.880



58, 56.990, 273.261

Previews

White Background



This preview shows how the CIELCh color 39, 5.388, 62.414 looks on a white background.

Color Contrast Check

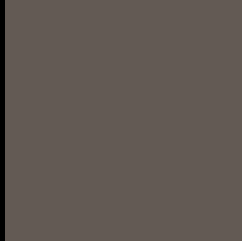
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 39, 5.388, 62.414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

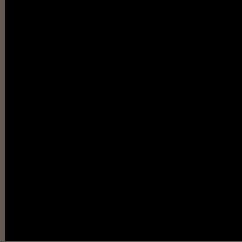
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 5.388, 62.414

Background



This preview shows how black text looks on a background with the CIELCh color 39, 5.388, 62.414.



This preview shows how white text looks on a background with the CIELCh color 39, 5.388, 62.414.

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, 5.388, 62.414

Protanopia

39, 4.453, 92.480

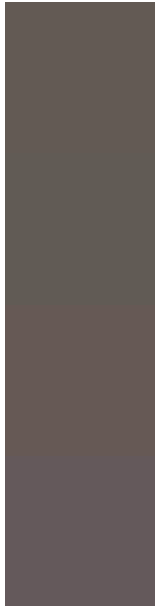
Deuteranopia

39, 6.636, 41.603



Tritanopia
39, 6.273, 344.549

Trichromacy



Original Color

39, 5.388, 62.414

Protanomaly

39, 4.491, 73.968

Deuteranomaly

39, 6.219, 43.075

Tritanomaly

39, 4.870, 5.542

Monochromacy



Original Color

39, 5.388, 62.414

Achromatopsia

39, 0.006, 296.813

Achromatomaly

39, 2.093, 55.099

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 5.388, 62.414 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, 90, 84)` looks like.

```
.text, #text, p{  
    color:rgb(99, 90, 84)  
}
```

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, 90, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 90, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 5.388, 62.414 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, 90, 84) }
```

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

```
.border{ border-color:rgb(99, 90, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 90, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 90, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 90, 84);  
box-shadow:4px 4px 4px 4px rgb(99, 90, 84)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 5.388, 62.414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 90, 84) }
```

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

```
.background{ background-color: rgb(99, 90,  
84) }
```

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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