

Converting Colors

CIELCh(41, 5.110, 163.297)

Have a look what the booklet for
CIELCh(41, 5.110, 163.297) contains.

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Color

CIELCh(41, 5.169, 162.910)

Conversions

Conversions Part 1

Format	Color
Hex	59635E
RGB	89, 99, 94
RGB Percent	35%, 39%, 37%
CMY	0.6508, 0.6116, 0.6312
CMYK	0.10, 0.00, 0.05, 0.61
HSL	150°, 5%, 37%
HSV	150°, 10%, 39%
XYZ	10.6101, 11.8645, 12.3286
YIQ	95.4400, -4.3550, -3.6750

Conversions

Conversions Part 2

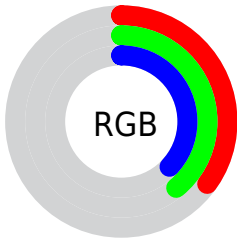
Format	Color
RYB	89, 96, 99
Decimal	5858142
CIELab	41.00, -4.94, 1.52
CIELCh	41, 5.169, 162.910
Yxy	11.8645, 0.3049, 0.3409
Android (android.graphics.Color)	4284048222 (0xFF59635E)
YUV	95.4400, -0.7099, -5.6479
Hunter-Lab	34.4449, -5.2949, 2.8902

Details

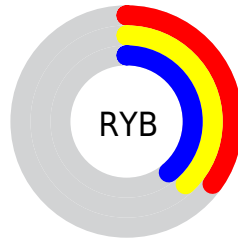
The CIELCh color $41, 5.169, 162.910$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $39, 5.236, 344.388$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $61, 5.452, 160.770$, and $21, 5.738, 162.305$ is the 20% darker color. If you saturate the color by 10%, you get $40, 10.281, 162.025$, and if you desaturate by 10%, it is $42, 0.047, 168.838$.

Distribution



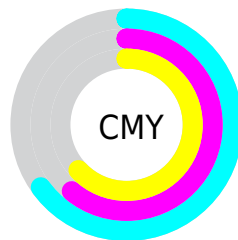
- Red (35%)
- Green (39%)
- Blue (37%)



- Red (35%)
- Yellow (38%)
- Blue (39%)



- Cyan (10%)
- Magenta (0%)
- Yellow (5%)
- Black (61%)



- Cyan (65%)
- Magenta (61%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 5.169, 162.910 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 41, 5.169, 162.910 by changing the saturation by 10% instead.

■ 41, 5.169, 162.910

■ 41, 5.169, 162.910

■ 100, 5.169,
162.910

■ 31, 5.169, 162.910

■ 61, 5.169, 162.910

■ 21, 5.169, 162.910

■ 71, 5.169, 162.910

■ 11, 5.169, 162.910

■ 81, 5.169, 162.910

■ 1, 5.169, 162.910

■ 91, 5.169, 162.910

■ 0, 5.169, 162.910

■ 41, 5.169, 162.910

■ 41, 5.169, 162.910

■ 40, 10.281,
162.025

■ 42, 0.047, 168.838

■ 39, 15.324,

■ 43, 5.043, 344.303

161.068

44, 10.064,
344.985

39, 20.231,
160.005

45, 14.990,
345.603

38, 24.928,
158.815

47, 19.804,
346.176

37, 29.339,
157.478

48, 24.495,
346.712

37, 33.392,
155.973

49, 29.056,
347.216

37, 37.033,
154.287

51, 33.486,
347.692

36, 40.230,
152.415

52, 37.786,
348.143

36, 43.185,
150.633

Harmonies

Complementary

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



41, 5.169, 162.910



39, 5.236, 344.388

Rectangle

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



41, 5.169, 162.910



41, 5.169, 212.910



41, 5.169, 342.910



41, 5.169, 32.910

Sweetspot

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



41, 5.170, 162.906



53, 1.885, 163.567



41, 6.393, 128.073



27, 1.417, 163.489



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



41, 5.170, 162.906



52, 7.563, 162.712



41, 4.065, 197.543



20, 2.819, 163.013



41, 47.514, 150.263



84, 85.699, 148.731

Inverse Universe

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



39, 5.236, 344.388



49, 7.677, 344.582



39, 4.307, 18.580



18, 2.852, 344.281



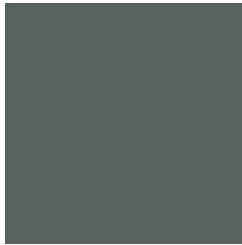
23, 46.457, 359.934



52, 80.774, 2.775

Previews

White Background



This preview shows how the CIELCh color 41, 5.169, 162.910 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 41, 5.169, 162.910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

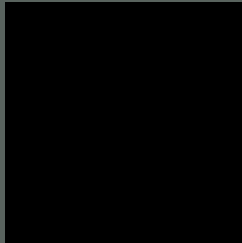
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

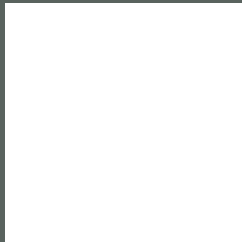
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 41, 5.169, 162.910

Background



This preview shows how black text looks on a background with the CIELCh color 41, 5.169, 162.910.



This preview shows how white text looks on a background with the CIELCh color 41, 5.169, 162.910.

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


41, 5.169, 162.910

Protanopia

41, 2.726, 81.840

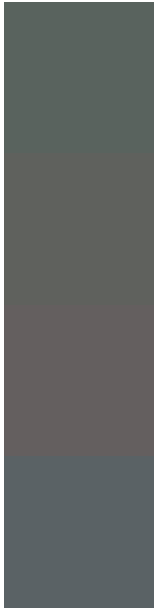
Deuteranopia

41, 5.672, 7.836



Tritanopia
41, 5.363, 264.492

Trichromacy



Original Color

41, 5.169, 162.910

Protanomaly

41, 2.569, 128.930

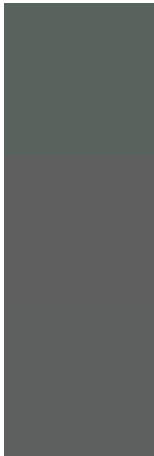
Deuteranomaly

41, 2.110, 19.531

Tritanomaly

41, 3.672, 228.924

Monochromacy



Original Color

41, 5.169, 162.910

Achromatopsia

40, 0.006, 296.813

Achromatomaly

40, 1.394, 173.626

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 5.169, 162.910 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(89, 99, 94)` looks like.

```
.text, #text, p{  
    color:rgb(89, 99, 94)  
}
```

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(89, 99, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 99, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 5.169, 162.910 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(89, 99, 94) }
```

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

```
.border{ border-color:rgb(89, 99, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 99, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 99, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 99, 94);  
box-shadow:4px 4px 4px 4px rgb(89, 99, 94)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 41, 5.169, 162.910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 99, 94) }
```

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

```
.background{ background-color: rgb(89, 99,  
94) }
```

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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