

Converting Colors

CIELCh(41, 11.128, 116.837)

Have a look what the booklet for
CIELCh(41, 11.128, 116.837)
contains.

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Color

CIELCh(41, 11.569, 117.200)

Conversions

Conversions Part 1

Format	Color
Hex	5F6350
RGB	95, 99, 80
RGB Percent	37%, 39%, 31%
CMY	0.6285, 0.6128, 0.6873
CMYK	0.04, 0.00, 0.19, 0.61
HSL	73°, 11%, 35%
HSV	73°, 19%, 39%
XYZ	10.5643, 11.8645, 9.2707
YIQ	95.6380, 3.7150, -6.7570

Conversions

Conversions Part 2

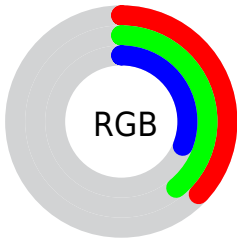
Format	Color
R_{YB}	80, 99, 84
Decimal	6251344
CIE _{Lab}	41.00, -5.29, 10.29
CIE _{LCh}	41, 11.569, 117.200
Yxy	11.8645, 0.3333, 0.3743
Android (android.graphics.Color)	4284441424 (0xFF5F6350)
YUV	95.6380, -7.7095, -0.5595
Hunter-Lab	34.4449, -5.5326, 8.1538

Details

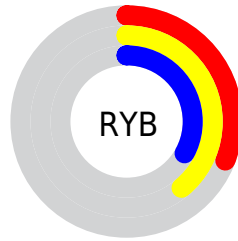
The CIELCh color $[41, 11.569, 117.200]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[35, 12.017, 299.740]$, and the grayscale version is $[40, 0.006, 296.813]$.

A 20% lighter version of the original color is $[61, 11.854, 116.685]$, and $[21, 12.127, 116.960]$ is the 20% darker color. If you saturate the color by 10%, you get $[41, 17.513, 116.570]$, and if you desaturate by 10%, it is $[41, 5.565, 117.836]$.

Distribution



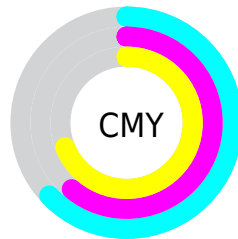
- Red (37%)
- Green (39%)
- Blue (31%)



- Red (31%)
- Yellow (39%)
- Blue (33%)



- Cyan (4%)
- Magenta (0%)
- Yellow (19%)
- Black (61%)





- Cyan (63%)
- Magenta (61%)
- Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 11.569, 117.200 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, 11.569, 117.200 by changing the saturation by 10% instead.


 41, 11.569,
117.200


 41, 11.569,
117.200


 100, 11.569,
117.200


 31, 11.569,
117.200

 61, 11.569,
117.200


 21, 11.569,
117.200

 71, 11.569,
117.200


 11, 11.569,
117.200


 81, 11.569,
117.200

 1, 11.569, 117.200

 91, 11.569,
117.200

 0, 11.569, 117.200

 41, 11.569,

 41, 11.569,

117.200

117.200

■ 41, 17.513,
116.570

■ 41, 5.565, 117.836

■ 40, 23.342,
115.950

■ 42, 0.465, 298.431

■ 42, 6.495, 299.043

■ 40, 28.978,
115.371

■ 43, 12.506,
299.610

■ 40, 34.308,
114.869

■ 43, 18.483,
300.147

■ 39, 39.169,
114.494

■ 44, 24.417,
300.652

■ 39, 43.346,
114.315

■ 45, 30.299,
301.125

■ 39, 46.596,
114.410

■ 45, 36.123,
301.566

■ 39, 49.359,
114.613

■ 46, 41.884,

■ 39, 49.582,
114.622

301.977

Harmonies

Complementary

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



41, 11.569, 117.200



35, 12.017, 299.740

Rectangle

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



41, 11.569, 117.200



41, 11.569, 167.200



41, 11.569, 297.200



41, 11.569, 347.200

Sweetspot

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



41, 11.570, 117.204



53, 4.459, 118.028



37, 7.186, 39.168



27, 2.932, 118.004



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, 11.570, 117.204



52, 17.045, 116.923



40, 12.881, 134.932



20, 3.327, 117.860



44, 54.307, 114.787



88, 95.229, 115.475

Inverse Universe

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



35, 12.017, 299.740



43, 17.870, 300.099



36, 13.057, 316.487



18, 3.388, 298.975



12, 71.506, 307.684



32, 125.807, 307.239

Previews

White Background



This preview shows how the CIELCh color 41, 11.569, 117.200 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 41, 11.569, 117.200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

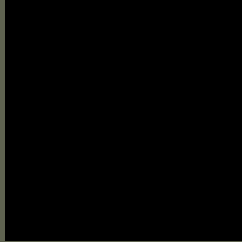
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

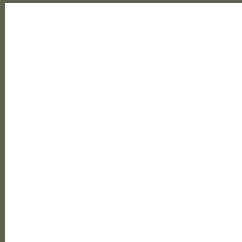
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 41, 11.569, 117.200

Background



This preview shows how black text looks on a background with the CIELCh color 41, 11.569, 117.200.

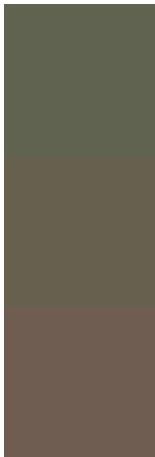


This preview shows how white text looks on a background with the CIELCh color 41, 11.569, 117.200.

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, 11.569, 117.200

Protanopia

41, 10.611, 93.927

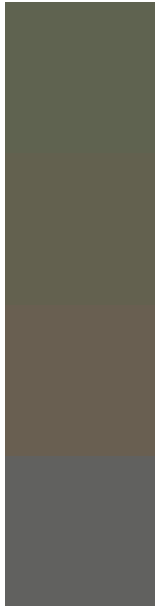
Deuteranopia

41, 10.954, 61.301



Tritanopia
41, 4.341, 301.638

Trichromacy



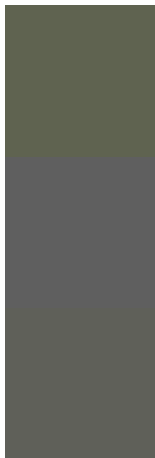
Original Color
41, 11.569, 117.200

Protanomaly
41, 10.885, 103.816

Deuteranomaly
41, 9.589, 81.085

Tritanomaly
41, 1.205, 109.964

Monochromacy



Original Color
41, 11.569, 117.200

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 4.264, 115.274

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 11.569, 117.200 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(95, 99, 80)` looks like.

```
.text, #text, p{  
    color:rgb(95, 99, 80)  
}
```

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(95, 99, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 99, 80) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 11.569, 117.200 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(95, 99, 80) }
```

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

```
.border{ border-color:rgb(95, 99, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 99, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 99, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 99, 80);  
box-shadow:4px 4px 4px 4px rgb(95, 99, 80)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 41, 11.569, 117.200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 99, 80) }
```

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

```
.background{ background-color: rgb(95, 99,  
80) }
```

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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