

Converting Colors

CIELCh(39, 9.583, 46.661)

Have a look what the booklet for
CIELCh(39, 9.583, 46.661) contains.

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Color

CIELCh(39, 9.583, 46.661)

Conversions

Conversions Part 1

Format	Color
Hex	6B5851
RGB	107, 88, 81
RGB Percent	42%, 35%, 32%
CMY	0.5811, 0.6555, 0.6830
CMYK	0.00, 0.18, 0.24, 0.58
HSL	16°, 14%, 37%
HSV	16°, 24%, 42%
XYZ	10.9978, 10.6589, 9.2302
YIQ	92.8830, 13.5710, 1.8510

Conversions

Conversions Part 2

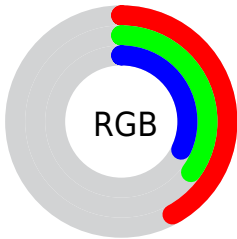
Format	Color
R_{YB}	107, 91, 81
Decimal	7034961
CIE Lab	39.00, 6.58, 6.97
CIE LCh	39, 9.583, 46.661
Yxy	10.6589, 0.3561, 0.3451
Android (android.graphics.Color)	4285225041 (0xFF6B5851)
YUV	92.8830, -5.8583, 12.3806
Hunter-Lab	32.6480, 2.9953, 6.0912

Details

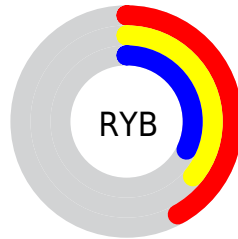
The CIELCh color $[39, 9.583, 46.661]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[41, 8.319, 229.524]$, and the grayscale version is $[39, 0.006, 296.813]$.

A 20% lighter version of the original color is $[59, 9.733, 47.609]$, and $[19, 9.679, 50.081]$ is the 20% darker color. If you saturate the color by 10%, you get $[37, 14.044, 46.377]$, and if you desaturate by 10%, it is $[42, 5.437, 47.038]$.

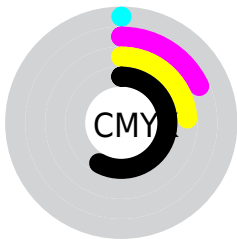
Distribution



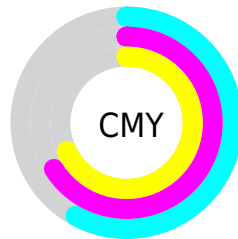
- Red (42%)
- Green (35%)
- Blue (32%)



- Red (42%)
- Yellow (36%)
- Blue (32%)



- Cyan (0%)
- Magenta (18%)
- Yellow (24%)
- Black (58%)



- Cyan (58%)
- Magenta (66%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 9.583, 46.661 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, 9.583, 46.661 by changing the saturation by 10% instead.

 39, 9.583, 46.661  39, 9.583, 46.661

 100, 9.583, 46.661  29, 9.583, 46.661

 59, 9.583, 46.661  19, 9.583, 46.661


 69, 9.583, 46.661  9, 9.583, 46.661


 79, 9.583, 46.661  0, 9.583, 46.661

 89, 9.583, 46.661

 99, 9.583, 46.661

 39, 9.583, 46.661  39, 9.583, 46.661

 37, 14.044, 46.377  42, 5.437, 47.038

 34, 18.837, 46.189  44, 1.583, 47.352

■ 32, 23.961, 46.128

■ 47, 2.007, 228.235

■ 30, 29.388, 46.202

■ 49, 5.360, 228.678

■ 28, 35.031, 46.387

■ 52, 8.502, 229.223

■ 26, 40.691, 46.580

■ 54, 11.458,
229.792

■ 24, 45.631, 46.172

■ 57, 14.250,
230.369

■ 24, 48.141, 45.950

■ 60, 16.897,
230.947

■ 62, 19.418,
231.519

Harmonies

Complementary

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



39, 9.583, 46.661



41, 8.319, 229.524

Rectangle

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



39, 9.583, 46.661



39, 9.583, 96.661



39, 9.583, 226.661



39, 9.583, 276.661

Sweetspot

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



39, 9.583, 46.671



55, 3.186, 47.298



38, 15.919, 334.527



28, 2.057, 47.288



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



39, 9.583, 46.671



48, 14.361, 46.499



43, 12.228, 95.595



21, 2.095, 47.240



26, 52.321, 46.291



55, 93.753, 45.506

Inverse Universe

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



41, 8.319, 229.524



51, 12.027, 230.065



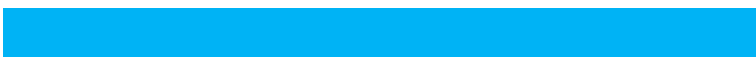
37, 12.463, 281.464



21, 1.997, 228.386



34, 26.042, 248.059



69, 45.698, 251.124

Previews

White Background



This preview shows how the CIELCh color 39, 9.583, 46.661 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, 9.583, 46.661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

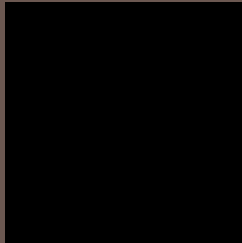
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 9.583, 46.661

Background



This preview shows how black text looks on a background with the CIELCh color 39, 9.583, 46.661.



This preview shows how white text looks on a background with the CIELCh color 39, 9.583, 46.661.

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, 9.583, 46.661

Protanopia

39, 5.750, 91.549

Deuteranopia

39, 8.704, 54.024



Tritanopia
39, 10.346, 356.631

Trichromacy



Original Color

39, 9.583, 46.661

Protanomaly

39, 6.601, 67.237

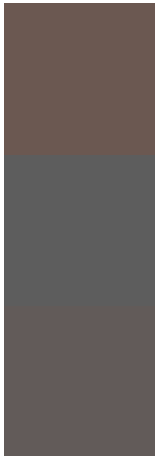
Deuteranomaly

39, 9.090, 52.444

Tritanomaly

39, 9.228, 13.161

Monochromacy



Original Color

39, 9.583, 46.661

Achromatopsia

39, 0.006, 296.813

Achromatomaly

39, 3.242, 41.733

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 9.583, 46.661 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(107, 88, 81)` looks like.

```
.text, #text, p{  
    color:rgb(107, 88, 81)  
}
```

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(107, 88, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 88, 81) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 9.583, 46.661 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(107, 88, 81) }
```

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

```
.border{ border-color:rgb(107, 88, 81) }
```

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

Here you see how a box with a 4 pixel rgb(107, 88, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 88, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 88, 81);  
box-shadow:4px 4px 4px 4px rgb(107, 88,  
81) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 9.583, 46.661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 88, 81) }
```

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

```
.background{ background-color: rgb(107, 88,  
81) }
```

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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