

Converting Colors

CIELCh(39, 22.529, 127.732)

Have a look what the booklet for
CIELCh(39, 22.529, 127.732)
contains.

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Color

CIELCh(39, 22.395, 126.985)

Conversions

Conversions Part 1

Format	Color
Hex	50613E
RGB	80, 97, 62
RGB Percent	31%, 38%, 24%
CMY	0.6854, 0.6187, 0.7560
CMYK	0.17, 0.00, 0.36, 0.62
HSL	89°, 22%, 31%
HSV	89°, 36%, 38%
XYZ	8.5000, 10.6589, 6.1987
YIQ	87.9270, 1.1030, -14.4890

Conversions

Conversions Part 2

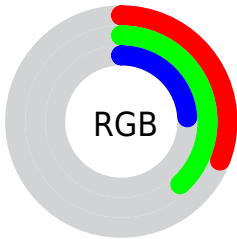
Format	Color
RYB	62, 97, 79
Decimal	5267774
CIELab	39.00, -13.47, 17.89
CIELCh	39, 22.395, 126.985
Yxy	10.6589, 0.3352, 0.4203
Android (android.graphics.Color)	4283457854 (0xFF50613E)
YUV	87.9270, -12.7820, -6.9520
Hunter-Lab	32.6480, -10.6610, 11.5965

Details

The CIELCh color $[39, 22.395, 126.985]$ is a dark color, and the websafe version is hex `666633`. A complement of this color would be $[29, 23.522, 310.251]$, and the grayscale version is $[38, 0.005, 296.813]$.

A 20% lighter version of the original color is $[59, 22.550, 126.972]$, and $[19, 22.651, 127.760]$ is the 20% darker color. If you saturate the color by 10%, you get $[38, 28.422, 126.548]$, and if you desaturate by 10%, it is $[40, 16.230, 127.443]$.

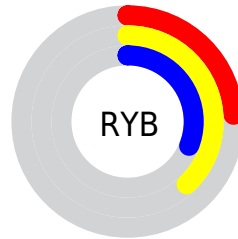
Distribution



Red (31%)

Green (38%)

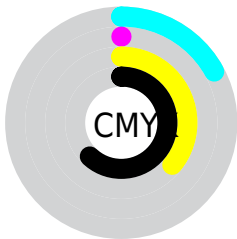
Blue (24%)



Red (24%)

Yellow (38%)

Blue (31%)

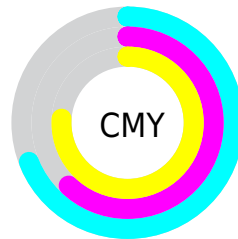


Cyan (17%)

Magenta (0%)

Yellow (36%)

Black (62%)



Cyan (69%)


Magenta (62%)

Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 22.395, 126.985 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, 22.395, 126.985 by changing the saturation by 10% instead.

 39, 22.395,
126.985


 39, 22.395,
126.985

 100, 22.395,
126.985


 29, 22.395,
126.985

 59, 22.395,
126.985


 19, 22.395,
126.985


 69, 22.395,
126.985

 9, 22.395, 126.985

 79, 22.395,
126.985

 0, 22.395, 126.985

 89, 22.395,
126.985

 99, 22.395,
126.985

■ 39, 22.395,
126.985

■ 39, 22.395,
126.985

■ 38, 28.422,
126.548

■ 40, 16.230,
127.443

■ 38, 34.208,
126.164

■ 40, 9.997, 127.895

■ 38, 39.611,
125.890

■ 41, 3.745, 128.338

■ 42, 2.488, 308.697

■ 37, 44.440,
125.804

■ 42, 8.676, 309.091

■ 37, 48.464,
126.007

■ 43, 14.800,
309.437

■ 37, 51.733,
126.442

■ 44, 20.845,
309.749

■ 37, 53.074,
126.538

■ 45, 26.802,
310.032

■ 46, 32.665,

Harmonies

Complementary

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



39, 22.395, 126.985



29, 23.522, 310.251

Rectangle

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



39, 22.395, 126.985



39, 22.395, 176.985



39, 22.395, 306.985



39, 22.395, 356.985

Sweetspot

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



39, 22.396, 126.987



52, 8.578, 128.103



35, 13.707, 69.509



26, 5.714, 128.065



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



39, 22.396, 126.987



50, 33.240, 126.619



38, 25.985, 141.644



20, 3.488, 128.211



42, 58.862, 126.820



85, 103.885, 127.833

Inverse Universe

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



29, 23.522, 310.251



36, 35.363, 310.687



31, 25.994, 325.768



18, 3.532, 308.927



15, 67.996, 312.084



38, 119.658, 311.392

Previews

White Background



This preview shows how the CIE LCh color 39, 22.395, 126.985 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, 22.395, 126.985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

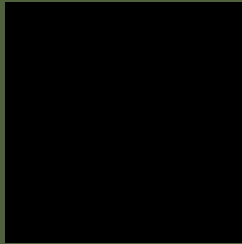
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 22.395, 126.985

Background



This preview shows how black text looks on a background with the CIELCh color 39, 22.395, 126.985.



This preview shows how white text looks on a background with the CIELCh color 39, 22.395, 126.985.

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, 22.395, 126.985

Protanopia

39, 19.703, 95.996

Deuteranopia

39, 17.871, 73.909



Tritanopia
39, 5.064, 257.218

Trichromacy



Original Color
39, 22.395, 126.985

Protanomaly
39, 19.844, 108.382

Deuteranomaly
39, 17.405, 94.969

Tritanomaly
39, 7.242, 149.228

Monochromacy



Original Color
39, 22.395, 126.985

Achromatopsia
37, 0.005, 296.813

Achromatomaly
38, 7.818, 128.534

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 22.395, 126.985 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(80, 97, 62)` looks like.

```
.text, #text, p{  
    color:rgb(80, 97, 62)  
}
```

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(80, 97, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 97, 62) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 22.395, 126.985 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(80, 97, 62) }
```

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

```
.border{ border-color:rgb(80, 97, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 97, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 97, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 97, 62);  
box-shadow:4px 4px 4px 4px rgb(80, 97, 62)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 22.395, 126.985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 97, 62) }
```

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

```
.background{ background-color: rgb(80, 97,  
62) }
```

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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