

Converting Colors

CIELCh(39, 19.737, 185.956)

Have a look what the booklet for
CIELCh(39, 19.737, 185.956)
contains.

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Color

CIELCh(39, 19.890, 186.240)

Conversions

Conversions Part 1

Format	Color
Hex	2E655F
RGB	46, 101, 95
RGB Percent	18%, 40%, 37%
CMY	0.8206, 0.6048, 0.6284
CMYK	0.55, 0.00, 0.06, 0.60
HSL	173°, 38%, 29%
HSV	173°, 55%, 40%
XYZ	7.8017, 10.6589, 12.4178
YIQ	83.8710, -30.8540, -13.5260

Conversions

Conversions Part 2

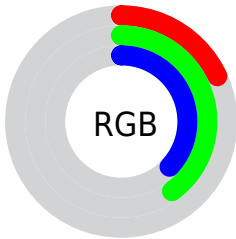
Format	Color
R_{YB}	46, 75, 101
Decimal	3040607
CIE Lab	39.00, -19.77, -2.16
CIE LCh	39, 19.890, 186.240
Yxy	10.6589, 0.2527, 0.3452
Android (android.graphics.Color)	4281230687 (0xFF2E655F)
YUV	83.8710, 5.4866, -33.2129
Hunter-Lab	32.6480, -14.4791, 0.3025




Details

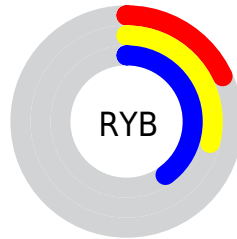
The CIELCh color **39, 19.890, 186.240** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **27, 26.635, 17.376**, and the grayscale version is **36, 0.005, 296.813**.




A 20% lighter version of the original color is **59, 19.887, 185.999**, and **19, 17.910, 185.006** is the 20% darker color. If you saturate the color by 10%, you get **39, 22.436, 185.379**, and if you desaturate by 10%, it is **39, 16.921, 187.058**.

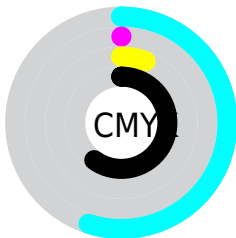
Distribution







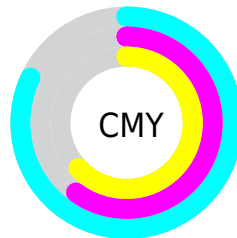
-  Red (18%)
-  Green (40%)
-  Blue (37%)






-  Red (18%)
-  Yellow (29%)
-  Blue (40%)



-  Cyan (55%)
-  Magenta (0%)
-  Yellow (6%)
-  Black (60%)





-  Cyan (82%)
-  Magenta (60%)
-  Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 19.890, 186.240 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, 19.890, 186.240 by changing the saturation by 10% instead.


 39, 19.890,
186.240


 39, 19.890,
186.240

 100, 19.890,
186.240


 29, 19.890,
186.240

 59, 19.890,
186.240


 19, 19.890,
186.240


 69, 19.890,
186.240

 9, 19.890, 186.240

 79, 19.890,
186.240

 0, 19.890, 186.240

 89, 19.890,
186.240

 99, 19.890,
186.240

■ 39, 19.890,
186.240

■ 39, 19.890,
186.240

■ 39, 22.436,
185.379

■ 39, 16.921,
187.058

■ 38, 24.520,
184.467

■ 40, 13.579,
187.851

■ 38, 26.129,
183.487

■ 41, 9.926, 188.626

■ 38, 27.323,
182.441

■ 41, 6.021, 189.398

■ 42, 1.927, 190.250

■ 38, 27.943,
181.896

■ 43, 2.305, 10.668

■ 44, 6.625, 11.477

■ 45, 10.995, 12.204

■ 46, 15.382, 12.908

Harmonies

Complementary

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



39, 19.890, 186.240



27, 26.635, 17.376

Rectangle

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



39, 19.890, 186.240



39, 19.890, 236.240



39, 19.890, 6.240



39, 19.890, 56.240

Sweetspot

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



39, 19.890, 186.238



53, 8.113, 189.253



38, 38.628, 137.810



27, 5.504, 189.144



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, 19.890, 186.238



49, 27.790, 185.087



32, 17.028, 250.513



21, 2.364, 189.850



43, 30.688, 181.699



86, 53.608, 180.900

Inverse Universe

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



27, 26.635, 17.376



31, 40.238, 20.726



32, 22.218, 57.267



19, 2.466, 11.039



22, 53.200, 32.833



51, 95.738, 36.154

Previews

White Background



This preview shows how the CIELCh color 39, 19.890, 186.240 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, 19.890, 186.240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

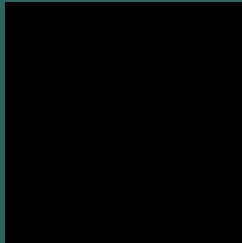
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 19.890, 186.240

Background



This preview shows how black text looks on a background with the CIELCh color 39, 19.890, 186.240.



This preview shows how white text looks on a background with the CIELCh color 39, 19.890, 186.240.

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, 19.890, 186.240

Protanopia

39, 1.760, 63.250

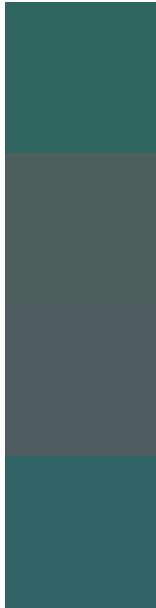
Deuteranopia

39, 6.203, 328.081



Tritanopia
39, 17.091, 214.342

Trichromacy



Original Color
39, 19.890, 186.240

Protanomaly
39, 8.140, 180.784

Deuteranomaly
38, 5.847, 217.199

Tritanomaly
39, 17.834, 203.263

Monochromacy



Original Color
39, 19.890, 186.240

Achromatopsia
36, 0.005, 296.813

Achromatomaly
37, 8.197, 189.598

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 19.890, 186.240 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(46, 101, 95)` looks like.

```
.text, #text, p{  
    color:rgb(46, 101, 95)  
}
```

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(46, 101, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 101, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 19.890, 186.240 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(46, 101, 95) }
```

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

```
.border{ border-color:rgb(46, 101, 95) }
```

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

Here you see how a box with a 4 pixel rgb(46, 101, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 101, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 101, 95);  
box-shadow:4px 4px 4px 4px rgb(46, 101,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 19.890, 186.240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 101, 95) }
```

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

```
.background{ background-color: rgb(46, 101,  
95) }
```

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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