

Converting Colors

CIELCh(39, 21.766, 187.054)

Have a look what the booklet for
CIELCh(39, 21.766, 187.054)
contains.

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Color

CIELCh(39, 21.530, 188.523)

Conversions

Conversions Part 1

Format	Color
Hex	266560
RGB	38, 101, 96
RGB Percent	15%, 40%, 38%
CMY	0.8492, 0.6023, 0.6220
CMYK	0.62, 0.00, 0.05, 0.60
HSL	175°, 45%, 27%
HSV	175°, 62%, 40%
XYZ	7.6391, 10.6589, 12.8172
YIQ	81.5930, -35.9430, -14.9110

Conversions

Conversions Part 2

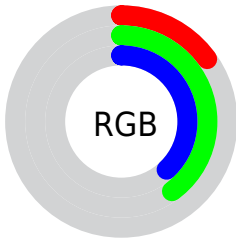
Format	Color
R_{YB}	38, 71, 101
Decimal	2516320
CIE _{Lab}	39.00, -21.29, -3.19
CIE _{LCh}	39, 21.530, 188.523
Yxy	10.6589, 0.2455, 0.3426
Android (android.graphics.Color)	4280706400 (0xFF266560)
YUV	81.5930, 7.1027, -38.2311
Hunter-Lab	32.6480, -15.3680, -0.4229

Details

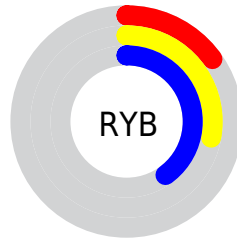
The CIELCh color **39, 21.530, 188.523** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **25, 30.971, 21.340**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 21.435, 188.239**, and **20, 17.620, 187.153** is the 20% darker color. If you saturate the color by 10%, you get **39, 23.637, 187.778**, and if you desaturate by 10%, it is **39, 18.959, 189.240**.

Distribution



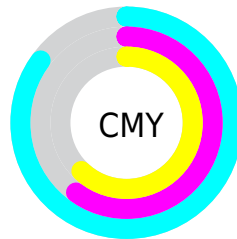
- Red (15%)
- Green (40%)
- Blue (38%)



- Red (15%)
- Yellow (28%)
- Blue (40%)



- Cyan (62%)
- Magenta (0%)
- Yellow (5%)
- Black (60%)





- Cyan (85%)
- Magenta (60%)
- Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 21.530, 188.523 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, 21.530, 188.523 by changing the saturation by 10% instead.


 39, 21.530,
188.523


 39, 21.530,
188.523

 100, 21.530,
188.523


 29, 21.530,
188.523

 59, 21.530,
188.523


 19, 21.530,
188.523


 69, 21.530,
188.523

 9, 21.530, 188.523

 79, 21.530,
188.523

 0, 21.530, 188.523

 89, 21.530,
188.523

 99, 21.530,
188.523

■ 39, 21.530,
188.523

■ 39, 21.530,
188.523

■ 39, 23.637,
187.778

■ 39, 18.959,
189.240

■ 38, 25.261,
186.998

■ 40, 15.964,
189.943

■ 38, 26.419,
186.170

■ 40, 12.598,
190.641

■ 38, 27.231,
185.525

■ 41, 8.919, 191.339

■ 42, 4.991, 192.054

■ 43, 0.871, 193.051

■ 44, 3.386, 13.259

■ 45, 7.734, 13.995

■ 46, 12.135, 14.688

Harmonies

Complementary

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



39, 21.530, 188.523



25, 30.971, 21.340

Rectangle

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



39, 21.530, 188.523



39, 21.530, 238.523



39, 21.530, 8.523



39, 21.530, 58.523

Sweetspot

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



39, 21.530, 188.521



53, 9.630, 191.516



38, 43.937, 137.900



27, 6.541, 191.371



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, 21.530, 188.521



50, 29.500, 187.464



30, 19.763, 257.157



21, 2.346, 192.292



43, 29.755, 185.380



86, 51.855, 184.760

Inverse Universe

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



25, 30.971, 21.340



30, 46.451, 25.530



31, 25.873, 59.962



19, 2.454, 13.397



22, 53.921, 34.145



51, 97.318, 37.496

Previews

White Background



This preview shows how the CIELCh color 39, 21.530, 188.523 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, 21.530, 188.523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

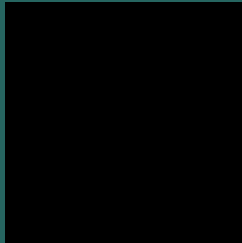
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 21.530, 188.523

Background



This preview shows how black text looks on a background with the CIELCh color 39, 21.530, 188.523.



This preview shows how white text looks on a background with the CIELCh color 39, 21.530, 188.523.

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, 21.530, 188.523

Protanopia

39, 1.038, 55.192

Deuteranopia

39, 7.000, 319.209



Tritanopia
39, 18.936, 212.452

Trichromacy



Original Color
39, 21.530, 188.523

Protanomaly
39, 9.039, 186.450

Deuteranomaly
39, 7.414, 218.016

Tritanomaly
39, 19.718, 202.485

Monochromacy



Original Color
39, 21.530, 188.523

Achromatopsia
35, 0.005, 296.813

Achromatomaly
36, 9.317, 190.462

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 21.530, 188.523 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(38, 101, 96)` looks like.

```
.text, #text, p{  
    color:rgb(38, 101, 96)  
}
```

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(38, 101, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 101, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 21.530, 188.523 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(38, 101, 96) }
```

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

```
.border{ border-color:rgb(38, 101, 96) }
```

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

Here you see how a box with a 4 pixel rgb(38, 101, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 101, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 101, 96);  
box-shadow:4px 4px 4px 4px rgb(38, 101,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 21.530, 188.523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 101, 96) }
```

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

```
.background{ background-color: rgb(38, 101,  
96) }
```

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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