

Converting Colors

CIELCh(39, 14.159, 207.158)

Have a look what the booklet for
CIELCh(39, 14.159, 207.158)
contains.

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Color

CIELCh(39, 14.244, 207.720)

Conversions

Conversions Part 1

Format	Color
Hex	3B6266
RGB	59, 98, 102
RGB Percent	23%, 38%, 40%
CMY	0.7681, 0.6151, 0.5994
CMYK	0.42, 0.04, 0.00, 0.60
HSL	186°, 27%, 32%
HSV	186°, 42%, 40%
XYZ	8.5989, 10.6589, 14.2124
YIQ	86.7950, -24.5280, -7.0240

Conversions

Conversions Part 2

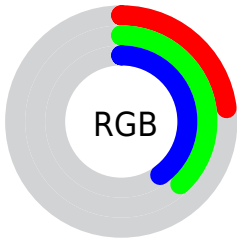
Format	Color
RYB	59, 79, 102
Decimal	3891814
CIELab	39.00, -12.61, -6.63
CIELCh	39, 14.244, 207.720
Yxy	10.6589, 0.2569, 0.3185
Android (android.graphics.Color)	4282081894 (0xFF3B6266)
YUV	86.7950, 7.4961, -24.3762
Hunter-Lab	32.6480, -10.1203, -2.9566

Details

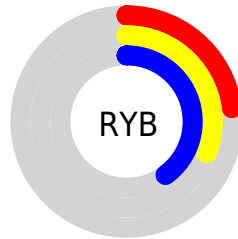
The CIELCh color **39, 14.244, 207.720** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **31, 19.075, 30.074**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 14.255, 207.370**, and **19, 14.162, 208.195** is the 20% darker color. If you saturate the color by 10%, you get **38, 16.800, 207.964**, and if you desaturate by 10%, it is **40, 11.312, 207.612**.

Distribution



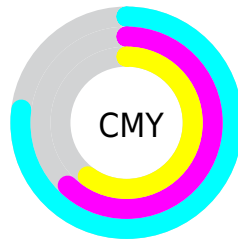
- Red (23%)
- Green (38%)
- Blue (40%)



- Red (23%)
- Yellow (31%)
- Blue (40%)



- Cyan (42%)
- Magenta (4%)
- Yellow (0%)
- Black (60%)





- Cyan (77%)
- Magenta (62%)
- Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 14.244, 207.720 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, 14.244, 207.720 by changing the saturation by 10% instead.


 39, 14.244,
207.720


 39, 14.244,
207.720

 100, 14.244,
207.720


 29, 14.244,
207.720

 59, 14.244,
207.720


 19, 14.244,
207.720


 69, 14.244,
207.720

 9, 14.244, 207.720

 79, 14.244,
207.720

 0, 14.244, 207.720

 89, 14.244,
207.720

 99, 14.244,
207.720

■ 39, 14.244,
207.720

■ 39, 14.244,
207.720

■ 38, 16.800,
207.964

■ 40, 11.312,
207.612

■ 37, 18.932,
208.379

■ 41, 8.059, 207.629

■ 42, 4.539, 207.760

■ 37, 20.605,
208.990

■ 43, 0.806, 208.282

■ 36, 21.801,
209.827

■ 44, 3.094, 27.982

■ 36, 22.541,
210.912

■ 45, 7.117, 28.325

■ 47, 11.229, 28.657

■ 35, 23.024,
211.805

■ 48, 15.401, 29.005

■ 49, 19.609, 29.367

Harmonies

Complementary

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



39, 14.244, 207.720



31, 19.075, 30.074

Rectangle

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



39, 14.244, 207.720



39, 14.244, 257.720



39, 14.244, 27.720



39, 14.244, 77.720

Sweetspot

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



39, 14.244, 207.717



54, 6.024, 207.736



39, 29.925, 143.703



27, 4.163, 207.708



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, 14.244, 207.717



49, 20.340, 207.976



32, 16.816, 270.701



21, 2.121, 207.834



40, 24.975, 212.038



80, 43.116, 213.110

Inverse Universe

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



31, 29.688, 329.344



38, 43.848, 329.892



37, 17.774, 78.653



20, 3.968, 327.513



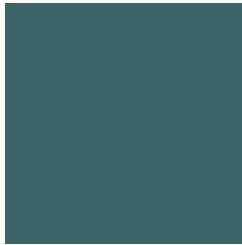
26, 59.770, 332.133



56, 103.214, 332.396

Previews

White Background



This preview shows how the CIE LCh color 39, 14.244, 207.720 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, 14.244, 207.720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

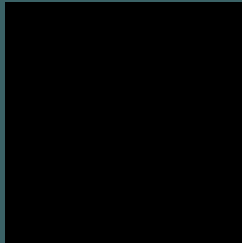
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 14.244, 207.720

Background



This preview shows how black text looks on a background with the CIELCh color 39, 14.244, 207.720.



This preview shows how white text looks on a background with the CIELCh color 39, 14.244, 207.720.

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, 14.244, 207.720

Protanopia

39, 4.293, 290.856

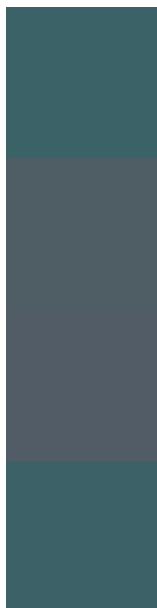
Deuteranopia

39, 9.461, 303.825



Tritanopia
39, 14.107, 215.685

Trichromacy



Original Color
39, 14.244, 207.720

Protanomaly
39, 6.852, 231.386

Deuteranomaly
39, 7.886, 258.308

Tritanomaly
39, 14.027, 213.133

Monochromacy



Original Color
39, 14.244, 207.720

Achromatopsia
37, 0.005, 296.813

Achromatomaly
38, 5.742, 211.180

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 14.244, 207.720 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(59, 98, 102)` looks like.

```
.text, #text, p{  
    color:rgb(59, 98, 102)  
}
```

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(59, 98, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 98, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 14.244, 207.720 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(59, 98, 102) }
```

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

```
.border{ border-color:rgb(59, 98, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 98, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 98, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 98, 102);  
box-shadow:4px 4px 4px 4px rgb(59, 98,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 14.244, 207.720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 98, 102) }
```

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

```
.background{ background-color: rgb(59, 98,  
102) }
```

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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