

Converting Colors

CIELCh(39, 14.878, 255.850)

Have a look what the booklet for
CIELCh(39, 14.878, 255.850)
contains.

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Color

CIELCh(39, 14.786, 255.132)

Conversions

Conversions Part 1

Format	Color
Hex	465F73
RGB	70, 95, 115
RGB Percent	27%, 37%, 45%
CMY	0.7265, 0.6285, 0.5501
CMYK	0.39, 0.17, 0.00, 0.55
HSL	207°, 24%, 36%
HSV	207°, 39%, 45%
XYZ	9.6523, 10.6589, 17.6834
YIQ	89.8050, -21.3200, 0.9200

Conversions

Conversions Part 2

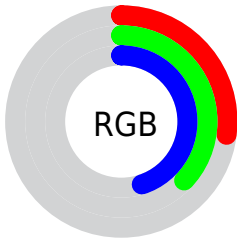
Format	Color
R_{YB}	70, 86, 115
Decimal	4611955
CIE _{Lab}	39.00, -3.79, -14.29
CIE _{LCh}	39, 14.786, 255.132
Yxy	10.6589, 0.2540, 0.2805
Android (android.graphics.Color)	4282802035 (0xFF465F73)
YUV	89.8050, 12.4211, -17.3690
Hunter-Lab	32.6480, -4.3608, -9.2601

Details

The CIELCh color $39, 14.786, 255.132$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $40, 17.071, 64.947$, and the grayscale version is $38, 0.005, 296.813$.

A 20% lighter version of the original color is $59, 14.917, 256.036$, and $19, 14.848, 255.232$ is the 20% darker color. If you saturate the color by 10%, you get $37, 18.279, 257.427$, and if you desaturate by 10%, it is $41, 11.162, 253.208$.

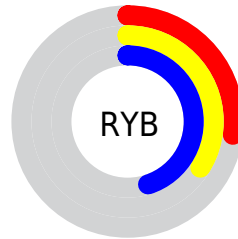
Distribution



Red (27%)

Green (37%)

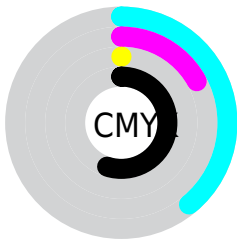
Blue (45%)



Red (27%)

Yellow (34%)

Blue (45%)

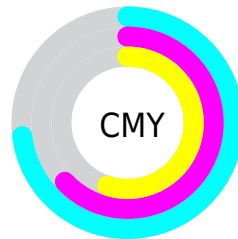


Cyan (39%)

Magenta (17%)

Yellow (0%)

Black (55%)



Cyan (73%)


Magenta (63%)


Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 14.786, 255.132 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, 14.786, 255.132 by changing the saturation by 10% instead.


 39, 14.786,
255.132


 39, 14.786,
255.132

 100, 14.786,
255.132


 29, 14.786,
255.132

 59, 14.786,
255.132


 19, 14.786,
255.132


 69, 14.786,
255.132

 9, 14.786, 255.132

 79, 14.786,
255.132

 0, 14.786, 255.132

 89, 14.786,
255.132

 99, 14.786,
255.132

■ 39, 14.786,
255.132

■ 39, 14.786,
255.132

■ 37, 18.279,
257.427

■ 41, 11.162,
253.208

■ 35, 21.634,
260.158

■ 44, 7.426, 251.605

■ 46, 3.597, 250.289

■ 32, 24.857,
263.369

■ 49, 0.303, 68.167

■ 30, 27.977,
267.080

■ 51, 4.256, 68.036

■ 28, 31.047,
271.257

■ 53, 8.244, 67.239

■ 56, 12.251, 66.539

■ 27, 34.190,
275.477

■ 58, 16.266, 65.929

■ 26, 34.445,
275.781

■ 61, 20.279, 65.395

Harmonies

Complementary

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



39, 14.786, 255.132



40, 17.071, 64.947

Rectangle

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



39, 14.786, 255.132



39, 14.786, 305.132



39, 14.786, 75.132



39, 14.786, 125.132

Sweetspot

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



39, 14.785, 255.130



58, 5.751, 250.663



45, 23.574, 156.748



29, 3.786, 250.779



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



39, 14.785, 255.130



48, 21.531, 257.169



32, 26.546, 292.463



22, 2.156, 250.261



28, 35.685, 276.033



57, 64.071, 278.982

Inverse Universe

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



36, 24.139, 344.148



43, 35.375, 345.153



46, 24.462, 103.528



22, 3.353, 341.392



25, 49.437, 355.346



54, 83.736, 357.553

Previews

White Background



This preview shows how the CIE LCh color 39, 14.786, 255.132 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, 14.786, 255.132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

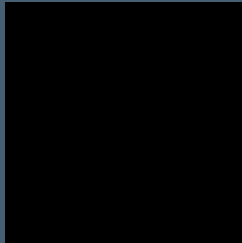
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

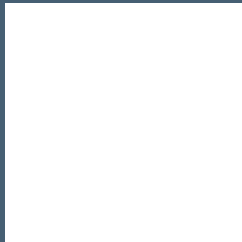
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 39, 14.786, 255.132

Background



This preview shows how black text looks on a background with the CIELCh color 39, 14.786, 255.132.

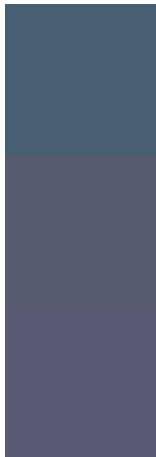


This preview shows how white text looks on a background with the CIELCh color 39, 14.786, 255.132.

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, 14.786, 255.132

Protanopia

39, 12.917, 285.404

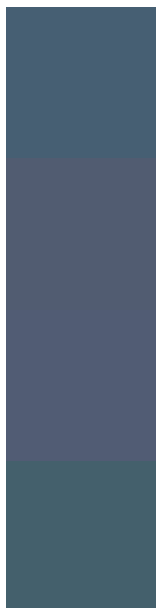
Deuteranopia

39, 15.941, 289.936



Tritanopia
39, 11.755, 219.684

Trichromacy



Original Color
39, 14.786, 255.132

Protanomaly
39, 13.367, 274.351

Deuteranomaly
39, 15.103, 276.959

Tritanomaly
39, 12.323, 235.256

Monochromacy



Original Color
39, 14.786, 255.132

Achromatopsia
38, 0.005, 296.813

Achromatomaly
39, 5.527, 250.322

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 14.786, 255.132 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(70, 95, 115)` looks like.

```
.text, #text, p{  
    color:rgb(70, 95, 115)  
}
```

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(70, 95, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 95, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 14.786, 255.132 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(70, 95, 115) }
```

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

```
.border{ border-color:rgb(70, 95, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 95, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 95, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 95, 115);  
box-shadow:4px 4px 4px 4px rgb(70, 95,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 14.786, 255.132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 95, 115) }
```

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

```
.background{ background-color: rgb(70, 95,  
115) }
```

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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