

Converting Colors

CIELCh(39, 25.795, 248.244)

Have a look what the booklet for
CIELCh(39, 25.795, 248.244)
contains.

CIELCh(39, 25.769, 248.098)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(39, 25.769, 248.098)

Conversions

Conversions Part 1

Format	Color
Hex	1D6282
RGB	29, 98, 130
RGB Percent	11%, 38%, 51%
CMY	0.8850, 0.6148, 0.4893
CMYK	0.77, 0.25, 0.00, 0.49
HSL	199°, 63%, 31%
HSV	199°, 77%, 51%
XYZ	8.9480, 10.6589, 22.7837
YIQ	81.0170, -51.3960, -4.6760

Conversions

Conversions Part 2

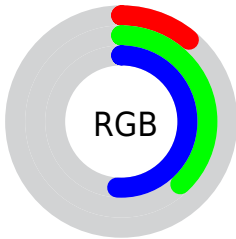
Format	Color
R _Y B	29, 70, 130
Decimal	1925762
CIE Lab	39.00, -9.61, -23.91
CIE LCh	39, 25.769, 248.098
Yxy	10.6589, 0.2111, 0.2514
Android (android.graphics.Color)	4280115842 (0xFF1D6282)
YUV	81.0170, 24.1486, -45.6189
Hunter-Lab	32.6480, -8.2119, -18.5224

Details

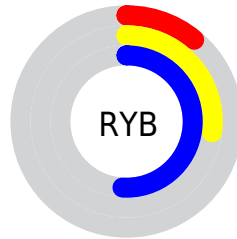
The CIELCh color **39, 25.769, 248.098** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **34, 42.564, 50.079**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 25.688, 247.388**, and **20, 21.843, 259.824** is the 20% darker color. If you saturate the color by 10%, you get **37, 27.786, 252.094**, and if you desaturate by 10%, it is **41, 23.461, 244.732**.

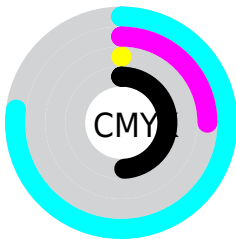
Distribution



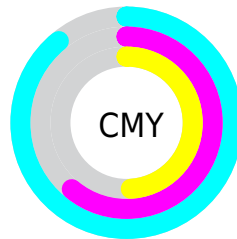
- Red (11%)
- Green (38%)
- Blue (51%)



- Red (11%)
- Yellow (27%)
- Blue (51%)



- Cyan (77%)
- Magenta (25%)
- Yellow (0%)
- Black (49%)




- Cyan (89%)
- Magenta (61%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 25.769, 248.098 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, 25.769, 248.098 by changing the saturation by 10% instead.


 39, 25.769,
248.098


 39, 25.769,
248.098

 100, 25.769,
248.098


 29, 25.769,
248.098

 59, 25.769,
248.098


 19, 25.769,
248.098


 69, 25.769,
248.098

 9, 25.769, 248.098

 79, 25.769,
248.098

 0, 25.769, 248.098

 89, 25.769,
248.098

 99, 25.769,
248.098

■ 39, 25.769,
248.098

■ 39, 25.769,
248.098

■ 37, 27.786,
252.094

■ 41, 23.461,
244.732

■ 36, 29.646,
256.549

■ 43, 20.821,
241.956

■ 35, 30.137,
257.628

■ 44, 17.841,
239.699

■ 46, 14.542,
237.880

■ 48, 10.959,
236.424

■ 51, 7.135, 235.269

■ 53, 3.113, 234.395

■ 55, 1.066, 53.186

Harmonies

Complementary

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



39, 25.769, 248.098



34, 42.564, 50.079

Rectangle

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



39, 25.769, 248.098



39, 25.769, 298.098



39, 25.769, 68.098



39, 25.769, 118.098

Sweetspot

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



39, 25.768, 248.098



63, 11.425, 235.934



48, 52.747, 146.363



32, 7.812, 236.310



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



39, 25.768, 248.098



47, 35.196, 255.545



24, 54.042, 296.263



27, 2.377, 234.517



35, 30.105, 257.621



0, 0.579, 233.716

Inverse Universe

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



31, 51.200, 341.865



38, 66.410, 344.656



47, 45.624, 92.523



26, 4.220, 335.566



28, 55.725, 345.490



0, 1.003, 334.990

Previews

White Background



This preview shows how the CIE LCh color 39, 25.769, 248.098 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, 25.769, 248.098 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, 25.769, 248.098

Background



This preview shows how black text looks on a background with the CIELCh color 39, 25.769, 248.098.



This preview shows how white text looks on a background with the CIELCh color 39, 25.769, 248.098.

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, 25.769, 248.098

Protanopia

39, 20.938, 285.620

Deuteranopia

39, 25.372, 282.662



Tritanopia
39, 24.698, 208.237

Trichromacy



Original Color
39, 25.769, 248.098

Protanomaly
39, 21.979, 266.944

Deuteranomaly
39, 24.550, 267.293

Tritanomaly
39, 23.958, 221.470

Monochromacy



Original Color
39, 25.769, 248.098

Achromatopsia
34, 0.005, 296.813

Achromatomaly
35, 11.641, 238.673

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 25.769, 248.098 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(29, 98, 130)` looks like.

```
.text, #text, p{  
    color:rgb(29, 98, 130)  
}
```

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(29, 98, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 98, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 25.769, 248.098 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(29, 98, 130) }
```

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

```
.border{ border-color:rgb(29, 98, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 98, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 98, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 98, 130);  
box-shadow:4px 4px 4px 4px rgb(29, 98,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 25.769, 248.098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 98, 130) }
```

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

```
.background{ background-color: rgb(29, 98,  
130) }
```

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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