

Converting Colors

CIELCh(39, 20.462, 223.062)

Have a look what the booklet for
CIELCh(39, 20.462, 223.062)
contains.

CIELCh(39, 20.548, 222.285)	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, 20.548, 222.285)

Conversions

Conversions Part 1

Format	Color
Hex	256472
RGB	37, 100, 114
RGB Percent	15%, 39%, 45%
CMY	0.8562, 0.6089, 0.5540
CMYK	0.68, 0.12, 0.00, 0.55
HSL	191°, 51%, 29%
HSV	191°, 68%, 45%
XYZ	8.3044, 10.6589, 17.4579
YIQ	82.7590, -42.0420, -9.0020

Conversions

Conversions Part 2

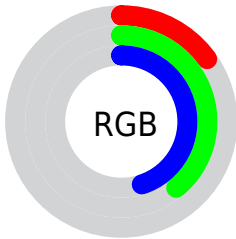
Format	Color
RYB	37, 72, 114
Decimal	2450546
CIELab	39.00, -15.20, -13.83
CIELCh	39, 20.548, 222.285
Yxy	10.6589, 0.2280, 0.2927
Android (android.graphics.Color)	4280640626 (0xFF256472)
YUV	82.7590, 15.4018, -40.1306
Hunter-Lab	32.6480, -11.7305, -8.8505




Details

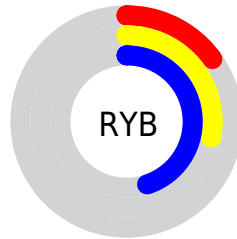
The CIELCh color **39, 20.548, 222.285** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **29, 34.577, 39.522**, and the grayscale version is **35, 0.005, 296.813**.




A 20% lighter version of the original color is **59, 20.537, 222.533**, and **20, 16.520, 230.051** is the 20% darker color. If you saturate the color by 10%, you get **38, 22.056, 224.167**, and if you desaturate by 10%, it is **40, 18.575, 220.814**.

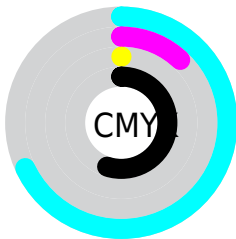
Distribution







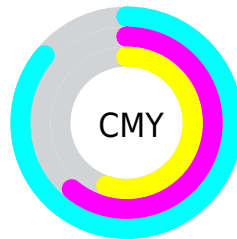
-  Red (15%)
-  Green (39%)
-  Blue (45%)






-  Red (15%)
-  Yellow (28%)
-  Blue (45%)



-  Cyan (68%)
-  Magenta (12%)
-  Yellow (0%)
-  Black (55%)





-  Cyan (86%)
-  Magenta (61%)
-  Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 20.548, 222.285 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, 20.548, 222.285 by changing the saturation by 10% instead.


 39, 20.548,
222.285

 39, 20.548,
222.285

 100, 20.548,
222.285

 29, 20.548,
222.285

 59, 20.548,
222.285

 19, 20.548,
222.285


 69, 20.548,
222.285

 9, 20.548, 222.285

 79, 20.548,
222.285

 0, 20.548, 222.285

 89, 20.548,
222.285

 99, 20.548,
222.285

■ 39, 20.548,
222.285

■ 39, 20.548,
222.285

■ 38, 22.056,
224.167

■ 40, 18.575,
220.814

■ 37, 23.107,
226.530

■ 41, 16.160,
219.690

■ 36, 23.845,
229.268

■ 43, 13.343,
218.851

■ 36, 24.015,
229.870

■ 44, 10.175,
218.247

■ 45, 6.712, 217.837

■ 47, 3.008, 217.621

■ 48, 0.889, 36.928

■ 50, 4.935, 37.187

■ 52, 9.093, 37.216

Harmonies

Complementary

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



39, 20.548, 222.285



29, 34.577, 39.522

Rectangle

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



39, 20.548, 222.285



39, 20.548, 272.285



39, 20.548, 42.285



39, 20.548, 92.285

Sweetspot

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



39, 20.547, 222.284



58, 9.305, 217.932



42, 47.551, 143.066



29, 6.267, 218.015



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, 20.547, 222.284



49, 27.408, 225.369



27, 33.677, 284.426



23, 2.151, 217.633



38, 24.935, 230.084



76, 42.681, 232.269

Inverse Universe

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



29, 46.125, 334.154



35, 63.105, 335.263



39, 33.333, 82.383



22, 4.041, 330.384



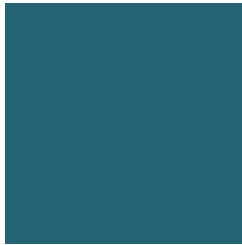
26, 57.698, 336.668



56, 97.800, 337.252

Previews

White Background



This preview shows how the CIELCh color 39, 20.548, 222.285 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, 20.548, 222.285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

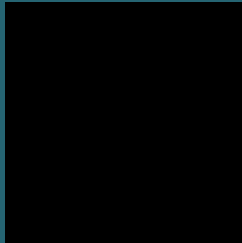
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 20.548, 222.285

Background



This preview shows how black text looks on a background with the CIELCh color 39, 20.548, 222.285.



This preview shows how white text looks on a background with the CIELCh color 39, 20.548, 222.285.

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, 20.548, 222.285

Protanopia

39, 10.457, 285.400

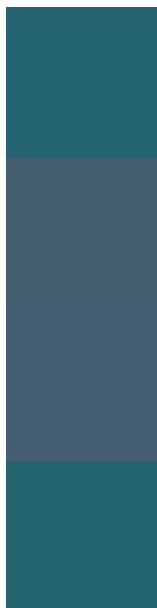
Deuteranopia

39, 15.941, 289.936



Tritanopia
39, 20.904, 210.777

Trichromacy



Original Color
39, 20.548, 222.285

Protanomaly
39, 13.058, 247.765

Deuteranomaly
39, 15.269, 256.794

Tritanomaly
39, 20.774, 214.484

Monochromacy



Original Color
39, 20.548, 222.285

Achromatopsia
35, 0.005, 296.813

Achromatomaly
36, 9.154, 222.585

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 20.548, 222.285 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(37, 100, 114)` looks like.

```
.text, #text, p{  
    color:rgb(37, 100, 114)  
}
```

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(37, 100, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 100, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 20.548, 222.285 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(37, 100, 114) }
```

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

```
.border{ border-color:rgb(37, 100, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 100, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(37, 100, 114); -webkit-box-shadow:4px 4px 4px 4px rgb(37, 100, 114); box-shadow:4px 4px 4px 4px rgb(37, 100, 114) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 20.548, 222.285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 100, 114) }
```

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

```
.background{ background-color: rgb(37, 100,  
114) }
```

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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