

Converting Colors

CIELCh(39, 23.194, 257.289)

Have a look what the booklet for
CIELCh(39, 23.194, 257.289)
contains.

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Color

CIELCh(39, 23.062, 257.398)

Conversions

Conversions Part 1

Format	Color
Hex	346080
RGB	52, 96, 128
RGB Percent	20%, 38%, 50%
CMY	0.7960, 0.6234, 0.4980
CMYK	0.59, 0.25, 0.00, 0.50
HSL	205°, 42%, 35%
HSV	205°, 59%, 50%
XYZ	9.4995, 10.6589, 21.9858
YIQ	86.4920, -36.4960, 0.6240

Conversions

Conversions Part 2

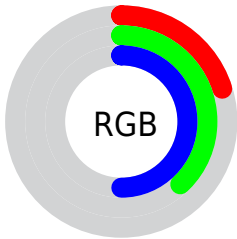
Format	Color
R_{YB}	52, 80, 128
Decimal	3432576
CIE _{Lab}	39.00, -5.03, -22.51
CIE _{LCh}	39, 23.062, 257.398
Yxy	10.6589, 0.2254, 0.2529
Android (android.graphics.Color)	4281622656 (0xFF346080)
YUV	86.4920, 20.4634, -30.2495
Hunter-Lab	32.6480, -5.1963, -17.0733

Details

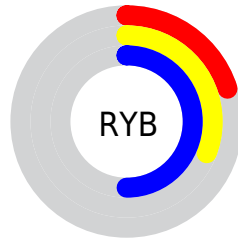
The CIELCh color **39, 23.062, 257.398** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **40, 29.869, 60.500**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 23.208, 258.105**, and **19, 22.239, 262.424** is the 20% darker color. If you saturate the color by 10%, you get **37, 26.372, 260.669**, and if you desaturate by 10%, it is **41, 19.572, 254.637**.

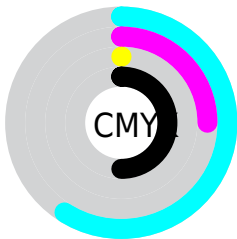
Distribution



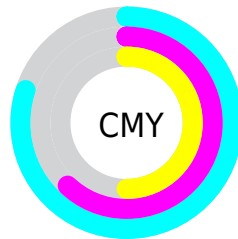
- Red (20%)
- Green (38%)
- Blue (50%)



- Red (20%)
- Yellow (31%)
- Blue (50%)



- Cyan (59%)
- Magenta (25%)
- Yellow (0%)
- Black (50%)




- Cyan (80%)
- Magenta (62%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 23.062, 257.398 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, 23.062, 257.398 by changing the saturation by 10% instead.


 39, 23.062,
257.398


 39, 23.062,
257.398

 100, 23.062,
257.398

 29, 23.062,
257.398

 59, 23.062,
257.398

 19, 23.062,
257.398


 69, 23.062,
257.398

 9, 23.062, 257.398

 79, 23.062,
257.398

 0, 23.062, 257.398

 89, 23.062,
257.398

 99, 23.062,
257.398

■ 39, 23.062,
257.398

■ 39, 23.062,
257.398

■ 37, 26.372,
260.669

■ 41, 19.572,
254.637

■ 35, 29.535,
264.474

■ 44, 15.899,
252.332

■ 33, 32.612,
268.780

■ 46, 12.055,
250.418

■ 31, 35.741,
273.217

■ 49, 8.061, 248.835

■ 31, 35.948,
273.480

■ 51, 3.945, 247.546

■ 54, 0.267, 65.198

■ 56, 4.550, 65.353

■ 59, 8.884, 64.594

■ 62, 13.250, 63.930

Harmonies

Complementary

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



39, 23.062, 257.398



40, 29.869, 60.500

Rectangle

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



39, 23.062, 257.398



39, 23.062, 307.398



39, 23.062, 77.398



39, 23.062, 127.398

Sweetspot

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



39, 23.061, 257.398



62, 9.268, 248.700



48, 38.392, 153.349



32, 6.469, 249.062



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, 23.061, 257.398



47, 33.106, 261.854



28, 44.879, 295.909



26, 2.368, 247.516



30, 35.831, 273.457



0, 0.000, 0.000

Inverse Universe

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



34, 39.334, 345.332



40, 55.321, 347.377



50, 38.936, 100.665



25, 3.794, 340.260



27, 52.092, 353.602



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIE LCh color 39, 23.062, 257.398 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, 23.062, 257.398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

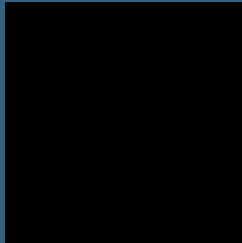
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 23.062, 257.398

Background



This preview shows how black text looks on a background with the CIELCh color 39, 23.062, 257.398.

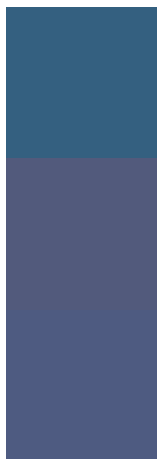


This preview shows how white text looks on a background with the CIELCh color 39, 23.062, 257.398.

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, 23.062, 257.398

Protanopia

39, 20.938, 285.620

Deuteranopia

39, 23.501, 282.883



Tritanopia
39, 18.936, 212.452

Trichromacy



Original Color
39, 23.062, 257.398

Protanomaly
39, 21.117, 273.656

Deuteranomaly
39, 23.021, 273.492

Tritanomaly
39, 19.033, 228.963

Monochromacy



Original Color
39, 23.062, 257.398

Achromatopsia
37, 0.005, 296.813

Achromatomaly
37, 9.435, 250.912

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 23.062, 257.398 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(52, 96, 128)` looks like.

```
.text, #text, p{  
    color:rgb(52, 96, 128)  
}
```

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(52, 96, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 96, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 23.062, 257.398 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(52, 96, 128) }
```

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

```
.border{ border-color:rgb(52, 96, 128) }
```

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

Here you see how a box with a 4 pixel rgb(52, 96, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 96, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 96, 128);  
box-shadow:4px 4px 4px 4px rgb(52, 96,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 23.062, 257.398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 96, 128) }
```

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

```
.background{ background-color: rgb(52, 96,  
128) }
```

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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