

Converting Colors

CIELCh(40, 15.838, 218.128)

Have a look what the booklet for
CIELCh(40, 15.838, 218.128)
contains.

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Color

CIELCh(40, 15.936, 218.050)

Conversions

Conversions Part 1

Format	Color
Hex	39656E
RGB	57, 101, 110
RGB Percent	22%, 40%, 43%
CMY	0.7773, 0.6047, 0.5695
CMYK	0.48, 0.08, 0.00, 0.57
HSL	190°, 32%, 33%
HSV	190°, 48%, 43%
XYZ	9.1110, 11.2510, 16.3823
YIQ	88.8700, -29.1130, -6.5290

Conversions

Conversions Part 2

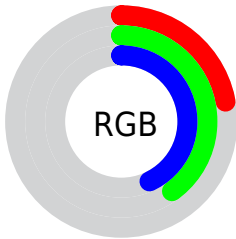
Format	Color
R_{YB}	57, 81, 110
Decimal	3761518
CIE _{Lab}	40.00, -12.55, -9.82
CIE _{LCh}	40, 15.936, 218.050
Yxy	11.2510, 0.2480, 0.3062
Android (android.graphics.Color)	4281951598 (0xFF39656E)
YUV	88.8700, 10.4171, -27.9500
Hunter-Lab	33.5425, -10.2139, -5.4778

Details

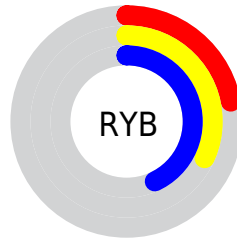
The CIELCh color **40, 15.936, 218.050** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **33, 22.498, 36.982**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **60, 15.914, 219.100**, and **20, 15.941, 217.106** is the 20% darker color. If you saturate the color by 10%, you get **39, 18.269, 219.070**, and if you desaturate by 10%, it is **41, 13.204, 217.294**.

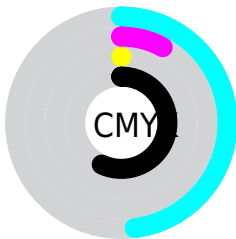
Distribution



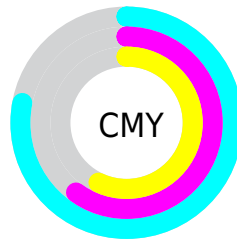
- Red (22%)
- Green (40%)
- Blue (43%)



- Red (22%)
- Yellow (32%)
- Blue (43%)



- Cyan (48%)
- Magenta (8%)
- Yellow (0%)
- Black (57%)





- Cyan (78%)
- Magenta (60%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 15.936, 218.050 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 40, 15.936, 218.050 by changing the saturation by 10% instead.


 40, 15.936,
218.050


 40, 15.936,
218.050


 100, 15.936,
218.050


 30, 15.936,
218.050

 60, 15.936,
218.050


 20, 15.936,
218.050

 70, 15.936,
218.050


 10, 15.936,
218.050

 80, 15.936,
218.050

 0, 15.936, 218.050

 90, 15.936,
218.050

 40, 15.936,

 40, 15.936,

218.050

218.050

■ 39, 18.269,
219.070

■ 41, 13.204,
217.294

■ 38, 20.165,
220.417

■ 42, 10.125,
216.760

■ 37, 21.601,
222.151

■ 44, 6.752, 216.411

■ 36, 22.584,
224.333

■ 45, 3.138, 216.243

■ 47, 0.667, 35.480

■ 35, 23.278,
226.831

■ 48, 4.620, 35.903

■ 35, 23.402,
227.249

■ 50, 8.685, 35.974

■ 51, 12.831, 36.073

■ 53, 17.033, 36.205

Harmonies

Complementary

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



40, 15.936, 218.050



33, 22.498, 36.982

Rectangle

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



40, 15.936, 218.050



40, 15.936, 268.050



40, 15.936, 38.050



40, 15.936, 88.050

Sweetspot

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



40, 15.936, 218.048



57, 6.486, 216.321



42, 34.111, 145.512



29, 4.427, 216.355



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



40, 15.936, 218.048



50, 22.397, 219.224



32, 22.889, 279.180



23, 2.167, 216.247



39, 24.911, 227.588



76, 42.572, 229.625

Inverse Universe

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



32, 33.991, 332.390



39, 49.391, 333.110



40, 23.028, 85.113



22, 4.075, 329.980



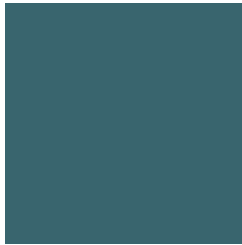
26, 58.202, 336.015



56, 98.697, 336.547

Previews

White Background



This preview shows how the CIELCh color 40, 15.936, 218.050 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 40, 15.936, 218.050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

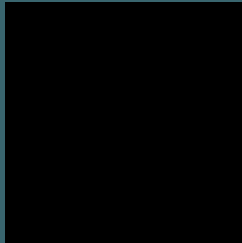
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 15.936, 218.050

Background



This preview shows how black text looks on a background with the CIELCh color 40, 15.936, 218.050.



This preview shows how white text looks on a background with the CIELCh color 40, 15.936, 218.050.

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


40, 15.936, 218.050

Protanopia

40, 7.332, 288.193

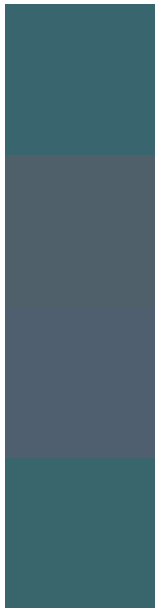
Deuteranopia

40, 12.259, 295.653



Tritanopia
40, 15.840, 215.797

Trichromacy



Original Color
40, 15.936, 218.050

Protanomaly
40, 9.165, 246.214

Deuteranomaly
40, 11.096, 261.200

Tritanomaly
40, 15.840, 215.797

Monochromacy



Original Color
40, 15.936, 218.050

Achromatopsia
38, 0.005, 296.813

Achromatomaly
38, 6.725, 220.212

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 15.936, 218.050 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(57, 101, 110)` looks like.

```
.text, #text, p{  
    color:rgb(57, 101, 110)  
}
```

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(57, 101, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 101, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 15.936, 218.050 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(57, 101, 110) }
```

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

```
.border{ border-color:rgb(57, 101, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 101, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 101, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 101, 110);  
box-shadow:4px 4px 4px 4px rgb(57, 101,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 15.936, 218.050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 101, 110) }
```

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

```
.background{ background-color: rgb(57, 101,  
110) }
```

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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