

Converting Colors

CIELCh(38, 18.391, 222.141)

Have a look what the booklet for
CIELCh(38, 18.391, 222.141)
contains.

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Color

CIELCh(38, 18.544, 221.179)

Conversions

Conversions Part 1

Format	Color
Hex	2B616D
RGB	43, 97, 109
RGB Percent	17%, 38%, 43%
CMY	0.8329, 0.6209, 0.5739
CMYK	0.61, 0.11, 0.00, 0.57
HSL	191°, 44%, 30%
HSV	191°, 61%, 43%
XYZ	7.9649, 10.0881, 15.8971
YIQ	82.2220, -36.0360, -7.7160

Conversions

Conversions Part 2

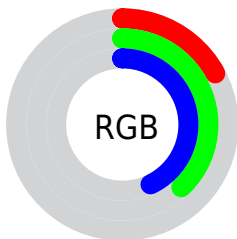
Format	Color
R _Y B	43, 73, 109
Decimal	2842989
CIE Lab	38.00, -13.96, -12.21
CIE LCh	38, 18.544, 221.179
Yxy	10.0881, 0.2346, 0.2971
Android (android.graphics.Color)	4281033069 (0xFF2B616D)
YUV	82.2220, 13.2016, -34.3977
Hunter-Lab	31.7617, -10.8206, -7.4421

Details

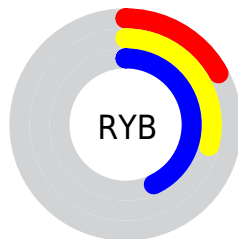
The CIELCh color **38, 18.544, 221.179** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **30, 29.160, 38.858**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 18.635, 219.585**, and **18, 15.847, 228.968** is the 20% darker color. If you saturate the color by 10%, you get **37, 20.324, 222.744**, and if you desaturate by 10%, it is **39, 16.331, 219.971**.

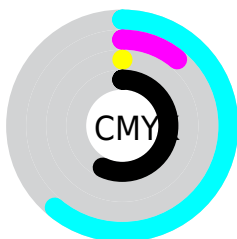
Distribution



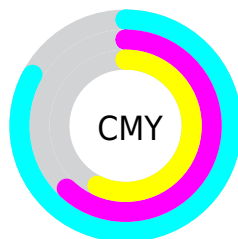
- Red (17%)
- Green (38%)
- Blue (43%)



- Red (17%)
- Yellow (29%)
- Blue (43%)



- Cyan (61%)
- Magenta (11%)
- Yellow (0%)
- Black (57%)





- Cyan (83%)
- Magenta (62%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 38, 18.544, 221.179 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 38, 18.544, 221.179 by changing the saturation by 10% instead.


 38, 18.544,
221.179


 38, 18.544,
221.179

 100, 18.544,
221.179


 28, 18.544,
221.179

 58, 18.544,
221.179


 18, 18.544,
221.179


 68, 18.544,
221.179

 8, 18.544, 221.179

 78, 18.544,
221.179

 0, 18.544, 221.179

 88, 18.544,
221.179

 98, 18.544,
221.179

■ 38, 18.544,
221.179

■ 38, 18.544,
221.179

■ 37, 20.324,
222.744

■ 39, 16.331,
219.971

■ 36, 21.659,
224.737

■ 40, 13.721,
219.063

■ 35, 22.564,
227.221

■ 42, 10.760,
218.400

■ 34, 23.245,
229.679

■ 43, 7.502, 217.939

■ 44, 3.997, 217.661

■ 46, 0.295, 218.566

■ 47, 3.563, 37.178

■ 49, 7.537, 37.206

■ 50, 11.598, 37.256

Harmonies

Complementary

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



38, 18.544, 221.179



30, 29.160, 38.858

Rectangle

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



38, 18.544, 221.179



38, 18.544, 271.179



38, 18.544, 41.179



38, 18.544, 91.179

Sweetspot

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



38, 18.544, 221.178



55, 8.068, 217.859



41, 41.761, 144.033



28, 5.613, 217.939



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



38, 18.544, 221.178



47, 25.145, 223.517



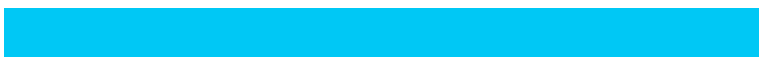
28, 28.886, 282.328



22, 2.069, 217.634



37, 24.553, 230.000



75, 42.346, 232.250

Inverse Universe

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



29, 40.893, 333.657



35, 57.216, 334.633



38, 28.853, 83.423



21, 3.886, 330.380



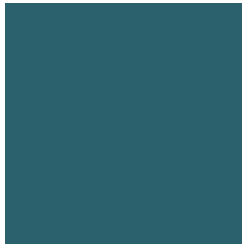
26, 56.834, 336.646



56, 97.043, 337.247

Previews

White Background



This preview shows how the CIELCh color 38, 18.544, 221.179 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 38, 18.544, 221.179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

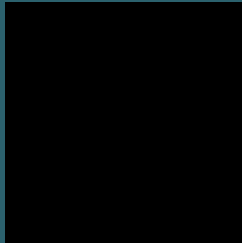
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

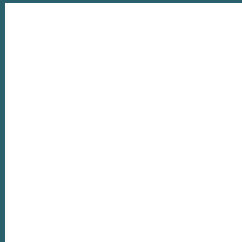
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 38, 18.544, 221.179

Background



This preview shows how black text looks on a background with the CIELCh color 38, 18.544, 221.179.



This preview shows how white text looks on a background with the CIELCh color 38, 18.544, 221.179.

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


38, 18.544, 221.179

Protanopia

38, 9.263, 286.765

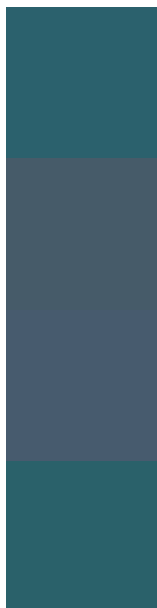
Deuteranopia

38, 14.800, 292.497



Tritanopia
38, 18.649, 212.769

Trichromacy



Original Color
38, 18.544, 221.179

Protanomaly
37, 11.401, 248.298

Deuteranomaly
38, 13.516, 259.414

Tritanomaly
38, 18.483, 214.975

Monochromacy



Original Color
38, 18.544, 221.179

Achromatopsia
35, 0.005, 296.813

Achromatomaly
36, 7.989, 221.556

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 18.544, 221.179 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(43, 97, 109)` looks like.

```
.text, #text, p{  
    color:rgb(43, 97, 109)  
}
```

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(43, 97, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 97, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 18.544, 221.179 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(43, 97, 109) }
```

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

```
.border{ border-color:rgb(43, 97, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 97, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 97, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 97, 109);  
box-shadow:4px 4px 4px 4px rgb(43, 97,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 18.544, 221.179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 97, 109) }
```

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

```
.background{ background-color: rgb(43, 97,  
109) }
```

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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