

Converting Colors

CIELCh(38, 22.179, 213.417)

Have a look what the booklet for
CIELCh(38, 22.179, 213.417)
contains.

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Color

CIELCh(38, 22.099, 215.053)

Conversions

Conversions Part 1

Format	Color
Hex	17626D
RGB	23, 98, 109
RGB Percent	9%, 38%, 43%
CMY	0.9115, 0.6143, 0.5712
CMYK	0.79, 0.10, 0.00, 0.57
HSL	188°, 66%, 26%
HSV	188°, 79%, 43%
XYZ	7.5219, 10.0881, 16.1166
YIQ	76.8290, -48.2310, -12.4790

Conversions

Conversions Part 2

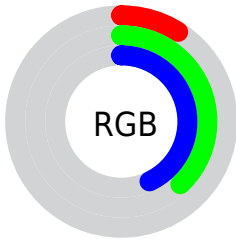
Format	Color
R _Y B	23, 63, 109
Decimal	1532525
CIE Lab	38.00, -18.09, -12.69
CIE LCh	38, 22.099, 215.053
Yxy	10.0881, 0.2230, 0.2991
Android (android.graphics.Color)	4279722605 (0xFF17626D)
YUV	76.8290, 15.8603, -47.2080
Hunter-Lab	31.7617, -13.3098, -7.8519

Details

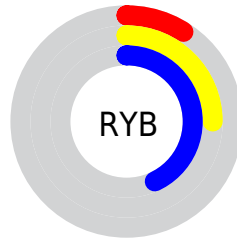
The CIELCh color **38, 22.099, 215.053** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **25, 41.652, 37.699**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 22.030, 214.249**, and **19, 15.847, 225.888** is the 20% darker color. If you saturate the color by 10%, you get **37, 22.969, 216.609**, and if you desaturate by 10%, it is **39, 20.745, 213.837**.

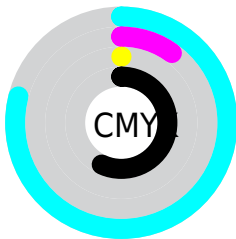
Distribution



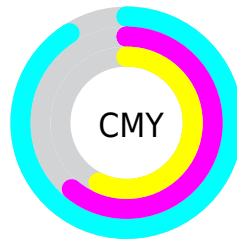
- Red (9%)
- Green (38%)
- Blue (43%)



- Red (9%)
- Yellow (25%)
- Blue (43%)



- Cyan (79%)
- Magenta (10%)
- Yellow (0%)
- Black (57%)





- Cyan (91%)
- Magenta (61%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 38, 22.099, 215.053 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, 22.099, 215.053 by changing the saturation by 10% instead.


 38, 22.099,
215.053


 38, 22.099,
215.053

 100, 22.099,
215.053


 28, 22.099,
215.053

 58, 22.099,
215.053


 18, 22.099,
215.053


 68, 22.099,
215.053

 8, 22.099, 215.053

 78, 22.099,
215.053

 0, 22.099, 215.053

 88, 22.099,
215.053

 98, 22.099,
215.053

■ 38, 22.099,
215.053

■ 38, 22.099,
215.053

■ 37, 22.969,
216.609

■ 39, 20.745,
213.837

■ 37, 23.563,
218.368

■ 40, 18.902,
212.919

■ 37, 23.602,
218.476

■ 40, 16.593,
212.254

■ 41, 13.858,
211.800

■ 43, 10.749,
211.521

■ 44, 7.325, 211.391

■ 45, 3.641, 211.408

■ 46, 0.250, 29.938

Harmonies

Complementary

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



38, 22.099, 215.053



25, 41.652, 37.699

Rectangle

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



38, 22.099, 215.053



38, 22.099, 265.053



38, 22.099, 35.053



38, 22.099, 85.053

Sweetspot

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



38, 22.098, 215.052



56, 11.112, 211.443



40, 53.815, 140.139



28, 7.512, 211.484



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, 22.098, 215.052



48, 28.302, 218.165



24, 35.712, 284.338



22, 2.149, 211.413



39, 24.799, 218.672



79, 42.529, 220.178

Inverse Universe

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



26, 51.383, 332.577



33, 67.280, 333.596



35, 36.685, 76.287



21, 4.039, 328.566



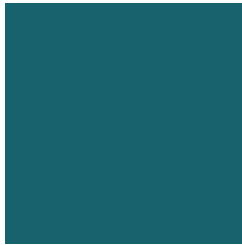
26, 59.185, 333.763



56, 101.278, 334.137

Previews

White Background



This preview shows how the CIE LCh color 38, 22.099, 215.053 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, 22.099, 215.053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

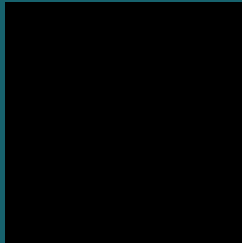
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

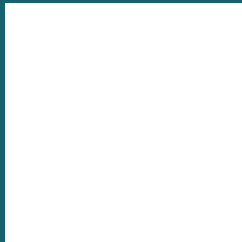
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 38, 22.099, 215.053

Background



This preview shows how black text looks on a background with the CIELCh color 38, 22.099, 215.053.



This preview shows how white text looks on a background with the CIELCh color 38, 22.099, 215.053.

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, 21.978, 215.169

Protanopia

38, 9.245, 289.193

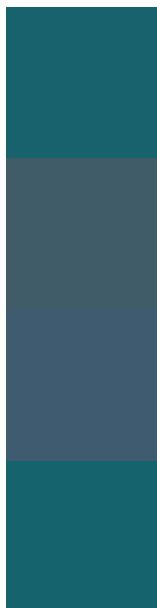
Deuteranopia

38, 15.412, 291.192



Tritanopia
38, 22.513, 209.629

Trichromacy



Original Color
38, 21.978, 215.169

Protanomaly
37, 12.670, 237.961

Deuteranomaly
37, 15.389, 252.461

Tritanomaly
38, 22.383, 211.387

Monochromacy



Original Color
38, 21.978, 215.169

Achromatopsia
33, 0.005, 296.813

Achromatomaly
34, 10.884, 211.442

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 22.099, 215.053 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(23, 98, 109)` looks like.

```
.text, #text, p{  
    color:rgb(23, 98, 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(23, 98, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 98, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 22.099, 215.053 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(23, 98, 109) }
```

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

```
.border{ border-color:rgb(23, 98, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 98, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 98, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 98, 109);  
box-shadow:4px 4px 4px 4px rgb(23, 98,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 22.099, 215.053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 98, 109) }
```

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

```
.background{ background-color: rgb(23, 98,  
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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