

Converting Colors

CIELCh(38, 21.243, 156.525)

Have a look what the booklet for
CIELCh(38, 21.243, 156.525)
contains.

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Color

CIELCh(38, 21.679, 156.266)

Conversions

Conversions Part 1

Format	Color
Hex	3A624B
RGB	58, 98, 75
RGB Percent	23%, 38%, 29%
CMY	0.7735, 0.6166, 0.7068
CMYK	0.41, 0.00, 0.24, 0.62
HSL	146°, 26%, 30%
HSV	146°, 41%, 38%
XYZ	7.3390, 10.0881, 8.1763
YIQ	83.4180, -16.4570, -15.6330

Conversions

Conversions Part 2

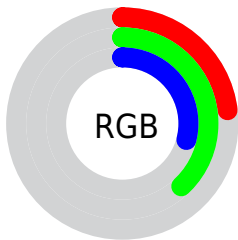
Format	Color
RYB	58, 86, 98
Decimal	3826251
CIELab	38.00, -19.85, 8.73
CIELCh	38, 21.679, 156.266
Yxy	10.0881, 0.2866, 0.3940
Android (android.graphics.Color)	4282016331 (0xFF3A624B)
YUV	83.4180, -4.1501, -22.2916
Hunter-Lab	31.7617, -14.3381, 6.9704

Details

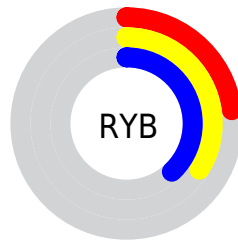
The CIELCh color **38, 21.679, 156.266** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **30, 22.325, 343.219**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 21.625, 156.504**, and **18, 21.665, 156.304** is the 20% darker color. If you saturate the color by 10%, you get **37, 26.655, 155.094**, and if you desaturate by 10%, it is **39, 16.501, 157.303**.

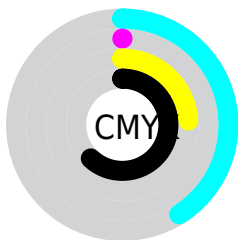
Distribution



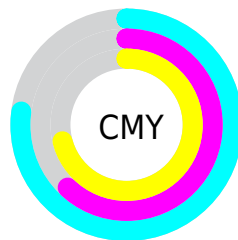
- Red (23%)
- Green (38%)
- Blue (29%)



- Red (23%)
- Yellow (34%)
- Blue (38%)



- Cyan (41%)
- Magenta (0%)
- Yellow (24%)
- Black (62%)



- Cyan (77%)
- Magenta (62%)
- Yellow (71%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 38, 21.679, 156.266 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, 21.679, 156.266 by changing the saturation by 10% instead.

 38, 21.679,
156.266


 38, 21.679,
156.266

 100, 21.679,
156.266


 28, 21.679,
156.266

 58, 21.679,
156.266


 18, 21.679,
156.266


 68, 21.679,
156.266

 8, 21.679, 156.266

 78, 21.679,
156.266

 0, 21.679, 156.266

 88, 21.679,
156.266

 98, 21.679,
156.266

■ 38, 21.679,
156.266

■ 38, 21.679,
156.266

■ 37, 26.655,
155.094

■ 39, 16.501,
157.303

■ 37, 31.346,
153.770

■ 40, 11.196,
158.228

■ 36, 35.674,
152.276

■ 40, 5.837, 159.067

■ 36, 39.575,
150.601

■ 41, 0.481, 160.235

■ 42, 4.826, 340.385

■ 36, 43.015,
148.752

■ 44, 10.048,
341.017

■ 36, 45.949,
147.184

■ 45, 15.159,
341.581

■ 46, 20.143,
342.099

■ 47, 24.991,
342.578

Harmonies

Complementary

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



38, 21.679, 156.266



30, 22.325, 343.219

Rectangle

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



38, 21.679, 156.266



38, 21.679, 206.266



38, 21.679, 336.266



38, 21.679, 26.266

Sweetspot

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



38, 21.680, 156.265



52, 7.991, 158.949



39, 25.054, 124.208



26, 5.255, 158.886



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



38, 21.680, 156.265



49, 31.939, 155.148



39, 15.163, 189.692



20, 2.977, 159.232



41, 51.073, 146.782



83, 92.196, 145.293

Inverse Universe

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



30, 22.325, 343.219



37, 32.972, 344.248



29, 18.985, 16.760



18, 3.002, 340.421



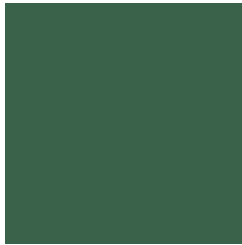
23, 47.567, 353.470



52, 82.321, 355.724

Previews

White Background



This preview shows how the CIELCh color 38, 21.679, 156.266 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, 21.679, 156.266 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, 21.679, 156.266

Background



This preview shows how black text looks on a background with the CIELCh color 38, 21.679, 156.266.



This preview shows how white text looks on a background with the CIELCh color 38, 21.679, 156.266.

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, 21.679, 156.266

Protanopia

38, 11.345, 94.395

Deuteranopia

38, 9.153, 56.980



Tritanopia
38, 11.936, 222.699

Trichromacy



Original Color
38, 21.679, 156.266

Protanomaly
38, 13.175, 129.906

Deuteranomaly
38, 8.763, 120.425

Tritanomaly
38, 12.890, 189.460

Monochromacy



Original Color
38, 21.679, 156.266

Achromatopsia
35, 0.005, 296.813

Achromatomaly
36, 7.791, 158.835

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 21.679, 156.266 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(58, 98, 75)` looks like.

```
.text, #text, p{  
    color:rgb(58, 98, 75)  
}
```

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(58, 98, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 98, 75) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 21.679, 156.266 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(58, 98, 75) }
```

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

```
.border{ border-color:rgb(58, 98, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 98, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 98, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 98, 75);  
box-shadow:4px 4px 4px 4px rgb(58, 98, 75)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 38, 21.679, 156.266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 98, 75) }
```

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

```
.background{ background-color: rgb(58, 98,  
75) }
```

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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