

Converting Colors

CIELCh(57, 28.713, 223.598)

Have a look what the booklet for
CIELCh(57, 28.713, 223.598)
contains.

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Color

CIELCh(57, 28.690, 223.553)

Conversions

Conversions Part 1

Format	Color
Hex	3394AA
RGB	51, 148, 170
RGB Percent	20%, 58%, 67%
CMY	0.8017, 0.4180, 0.3317
CMYK	0.70, 0.13, 0.00, 0.33
HSL	191°, 54%, 43%
HSV	191°, 70%, 67%
XYZ	19.2957, 24.9227, 42.0363
YIQ	121.5050, -64.8740, -13.7220

Conversions

Conversions Part 2

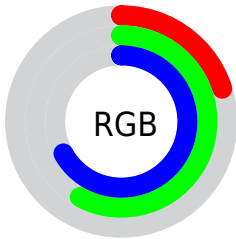
Format	Color
R _Y B	51, 104, 170
Decimal	3380394
CIE Lab	57.00, -20.79, -19.77
CIE LCh	57, 28.690, 223.553
Yxy	24.9227, 0.2237, 0.2889
Android (android.graphics.Color)	4281570474 (0xFF3394AA)
YUV	121.5050, 23.9080, -61.8329
Hunter-Lab	49.9226, -18.3721, -14.9781

Details

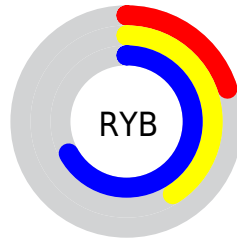
The CIELCh color **57, 28.690, 223.553** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **44, 50.697, 40.204**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 28.472, 223.703**, and **38, 24.646, 229.254** is the 20% darker color. If you saturate the color by 10%, you get **56, 30.447, 225.798**, and if you desaturate by 10%, it is **58, 26.264, 221.794**.

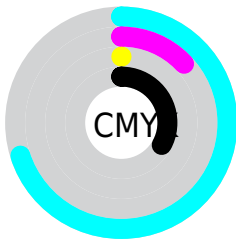
Distribution



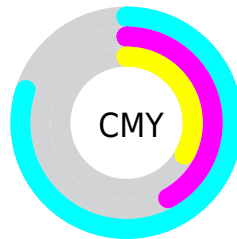
- Red (20%)
- Green (58%)
- Blue (67%)



- Red (20%)
- Yellow (41%)
- Blue (67%)



- Cyan (70%)
- Magenta (13%)
- Yellow (0%)
- Black (33%)





- Cyan (80%)
- Magenta (42%)
- Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 28.690, 223.553 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 57, 28.690, 223.553 by changing the saturation by 10% instead.


 57, 28.690,
223.553


 57, 28.690,
223.553

 100, 28.690,
223.553

 47, 28.690,
223.553


 77, 28.690,
223.553

 37, 28.690,
223.553

 87, 28.690,
223.553

 27, 28.690,
223.553

 97, 28.690,
223.553

 17, 28.690,
223.553

 7, 28.690, 223.553

 0, 28.690, 223.553

■ 57, 28.690,
223.553

■ 57, 28.690,
223.553

■ 56, 30.447,
225.798

■ 58, 26.264,
221.794

■ 54, 31.578,
228.600

■ 60, 23.182,
220.448

■ 53, 32.273,
231.750

■ 62, 19.492,
219.440

■ 64, 15.266,
218.709

■ 66, 10.585,
218.203

■ 68, 5.530, 217.897

■ 70, 0.179, 220.315

■ 72, 5.404, 37.401

Harmonies

Complementary

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



57, 28.690, 223.553



44, 50.697, 40.204

Rectangle

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



57, 28.690, 223.553



57, 28.690, 273.553



57, 28.690, 43.553



57, 28.690, 93.553

Sweetspot

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



57, 28.689, 223.552



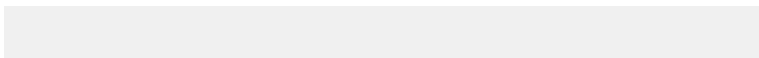
83, 13.510, 218.247



62, 66.978, 142.824



44, 9.138, 218.368



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



57, 28.689, 223.552



70, 37.869, 227.178



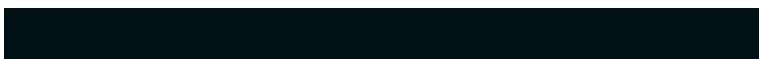
39, 50.190, 287.181



35, 3.009, 217.879



47, 29.065, 231.293



4, 5.465, 224.410

Inverse Universe

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



43, 65.042, 334.609



52, 87.425, 335.804



58, 48.360, 83.004



33, 5.661, 330.494



33, 66.902, 336.990



2, 9.851, 332.021

Previews

White Background



This preview shows how the CIELCh color 57, 28.690, 223.553 looks on a white 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

Black Background



This preview shows how the CIELCh color 57, 28.690, 223.553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

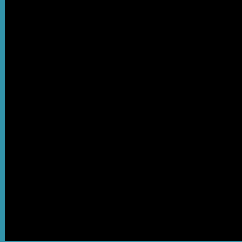
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 28.690, 223.553

Background



This preview shows how black text looks on a background with the CIELCh color 57, 28.690, 223.553.



This preview shows how white text looks on a background with the CIELCh color 57, 28.690, 223.553.

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





Tritanopia
57, 29.161, 210.702

Trichromacy



Original Color
57, 28.557, 223.695

Protanomaly
56, 18.256, 247.726

Deuteranomaly
56, 22.599, 258.749

Tritanomaly
57, 28.780, 215.810

Monochromacy



Original Color
57, 28.557, 223.695

Achromatopsia
51, 0.007, 296.813

Achromatomaly
53, 13.458, 218.509

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 28.690, 223.553 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(51, 148, 170)` looks like.

```
.text, #text, p{  
    color:rgb(51, 148, 170)  
}
```

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(51, 148, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 148, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 28.690, 223.553 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(51, 148, 170) }
```

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

```
.border{ border-color:rgb(51, 148, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 148, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 148, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 148, 170);  
box-shadow:4px 4px 4px 4px rgb(51, 148,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 28.690, 223.553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 148, 170) }
```

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

```
.background{ background-color: rgb(51, 148,  
170) }
```

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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