

Converting Colors

CIELCh(57, 23.145, 197.297)

Have a look what the booklet for
CIELCh(57, 23.145, 197.297)
contains.

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Color

CIELCh(57, 23.259, 197.275)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 4D9494 |
| RGB | 77, 148, 148 |
| RGB Percent | 30%, 58%, 58% |
| CMY | 0.6977, 0.4193, 0.4193 |
| CMYK | 0.48, 0.00, 0.00, 0.42 |
| HSL | 180°, 32%, 44% |
| HSV | 180°, 48%, 58% |
| XYZ | 19.0179, 24.9227, 31.8537 |
| YIQ | 126.7710, -42.3160, -15.0520 |

Conversions

Conversions Part 2

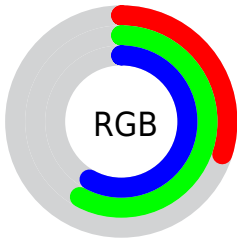
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 77, 113, 148 |
| Decimal | 5084308 |
| CIE _{Lab} | 57.00, -22.21, -6.91 |
| CIE _{LCh} | 57, 23.259, 197.275 |
| Yxy | 24.9227, 0.2509, 0.3288 |
| Android (android.graphics.Color) | 4283274388 (0xFF4D9494) |
| YUV | 126.7710, 10.4659, -43.6492 |
| Hunter-Lab | 49.9226, -19.3654, -2.8849 |

Details

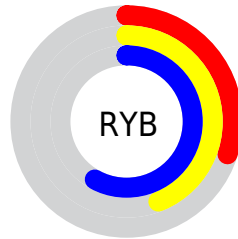
The CIELCh color **57, 23.259, 197.275** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **41, 32.611, 24.477**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 23.216, 197.712**, and **37, 23.302, 196.548** is the 20% darker color. If you saturate the color by 10%, you get **56, 26.600, 196.976**, and if you desaturate by 10%, it is **58, 19.297, 197.631**.

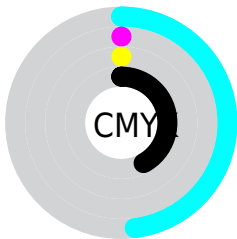
Distribution



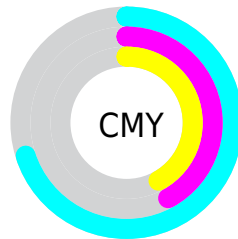
- Red (30%)
- Green (58%)
- Blue (58%)



- Red (30%)
- Yellow (44%)
- Blue (58%)



- Cyan (48%)
- Magenta (0%)
- Yellow (0%)
- Black (42%)





- Cyan (70%)
- Magenta (42%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 23.259, 197.275 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, 23.259, 197.275 by changing the saturation by 10% instead.


 57, 23.259,
197.275


 57, 23.259,
197.275


 100, 23.259,
197.275


 47, 23.259,
197.275


 77, 23.259,
197.275

 37, 23.259,
197.275

 87, 23.259,
197.275

 27, 23.259,
197.275

 97, 23.259,
197.275

 17, 23.259,
197.275

 7, 23.259, 197.275

 0, 23.259, 197.275

■ 57, 23.259,
197.275

■ 57, 23.259,
197.275

■ 56, 26.600,
196.976

■ 58, 19.297,
197.631

■ 56, 29.268,
196.741

■ 58, 14.787,
198.048

■ 56, 31.241,
196.570

■ 59, 9.813, 198.522

■ 56, 32.537,
196.458

■ 60, 4.463, 199.078

■ 62, 1.179, 19.141

■ 55, 33.280,
196.393

■ 63, 7.036, 20.018

■ 55, 33.417,
196.382

■ 64, 13.041, 20.632

■ 66, 19.139, 21.243

■ 67, 25.285, 21.857

Harmonies

Complementary

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



57, 23.259, 197.275



41, 32.611, 24.477

Rectangle

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



57, 23.259, 197.275



57, 23.259, 247.275



57, 23.259, 17.275



57, 23.259, 67.275

Sweetspot

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



57, 23.259, 197.273



76, 9.530, 198.713



55, 48.222, 140.372



40, 6.595, 198.609



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



57, 23.259, 197.273



71, 32.565, 196.944



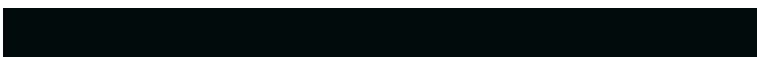
47, 22.921, 262.114



31, 3.160, 199.000



52, 31.695, 196.382



2, 2.828, 199.419

Inverse Universe

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



41, 32.611, 24.477



49, 50.015, 26.884



50, 26.634, 67.898



29, 3.343, 19.890



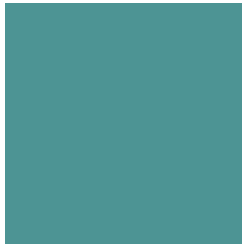
28, 65.125, 38.927



1, 2.828, 19.402

Previews

White Background



This preview shows how the CIELCh color 57, 23.259, 197.275 looks on a white background.

Color Contrast Check

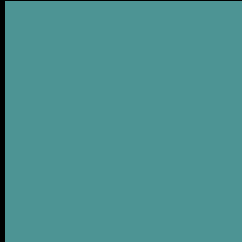
Large Text (above 18pt) WCAG AA ✓ Pass

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, 23.259, 197.275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

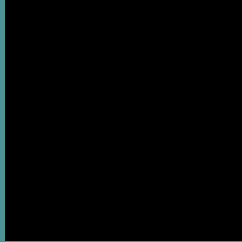
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 23.259, 197.275

Background



This preview shows how black text looks on a background with the CIELCh color 57, 23.259, 197.275.

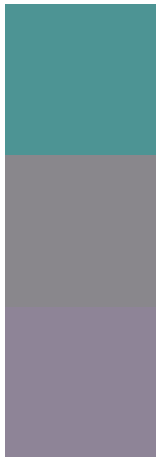


This preview shows how white text looks on a background with the CIELCh color 57, 23.259, 197.275.

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
57, 23.259, 197.275

Protanopia
57, 2.976, 305.649

Deuteranopia
57, 11.565, 310.517



Tritanopia
57, 21.842, 216.066

Trichromacy



Original Color
57, 23.259, 197.275

Protanomaly
56, 9.352, 209.189

Deuteranomaly
56, 9.842, 243.320

Tritanomaly
57, 22.138, 207.964

Monochromacy



Original Color
57, 23.259, 197.275

Achromatopsia
53, 0.007, 296.813

Achromatomaly
54, 9.730, 198.467

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 23.259, 197.275 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(77, 148, 148)` looks like.

```
.text, #text, p{  
    color:rgb(77, 148, 148)  
}
```

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(77, 148, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 148, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 23.259, 197.275 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(77, 148, 148) }
```

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

```
.border{ border-color:rgb(77, 148, 148) }
```

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

Here you see how a box with a 4 pixel rgb(77, 148, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 148, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 148, 148);  
box-shadow:4px 4px 4px 4px rgb(77, 148,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 23.259, 197.275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 148, 148) }
```

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

```
.background{ background-color: rgb(77, 148,  
148) }
```

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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