

Converting Colors

CIELCh(58, 14.454, 245.753)

Have a look what the booklet for
CIELCh(58, 14.454, 245.753)
contains.

| | |
|--|----|
| CIELCh(58, 14.484, 247.342) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 21 |
| <i>Color Blindness Simulation</i> | 24 |
| <i>CSS Examples</i> | 27 |

Color

CIELCh(58, 14.484, 247.342)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 728FA2 |
| RGB | 114, 143, 162 |
| RGB Percent | 45%, 56%, 64% |
| CMY | 0.5517, 0.4379, 0.3634 |
| CMYK | 0.30, 0.12, 0.00, 0.36 |
| HSL | 204°, 21%, 54% |
| HSV | 204°, 30%, 64% |
| XYZ | 23.4027, 25.9610, 38.1142 |
| YIQ | 136.4950, -23.3830, -0.2390 |

Conversions

Conversions Part 2

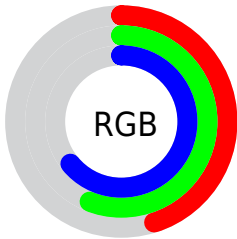
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 114, 132, 162 |
| Decimal | 7507874 |
| CIELab | 58.00, -5.58, -13.37 |
| CIELCh | 58, 14.484, 247.342 |
| Yxy | 25.9610, 0.2675, 0.2968 |
| Android (android.graphics.Color) | 4285697954 (0xFF728FA2) |
| YUV | 136.4950, 12.5740, -19.7281 |
| Hunter-Lab | 50.9519, -7.1790, -8.6851 |

Details

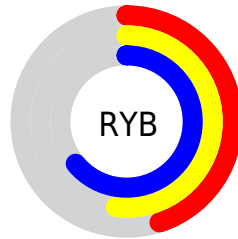
The CIELCh color $58, 14.484, 247.342$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $58, 16.541, 60.509$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 14.477, 246.877$, and $38, 14.315, 245.846$ is the 20% darker color. If you saturate the color by 10%, you get $55, 18.996, 249.257$, and if you desaturate by 10%, it is $61, 9.752, 245.769$.

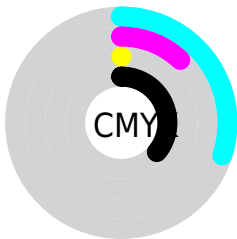
Distribution



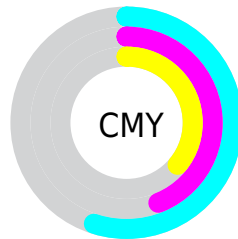
- Red (45%)
- Green (56%)
- Blue (64%)



- Red (45%)
- Yellow (52%)
- Blue (64%)



- Cyan (30%)
- Magenta (12%)
- Yellow (0%)
- Black (36%)



- Cyan (55%)
- Magenta (44%)
- Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 14.484, 247.342 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 58, 14.484, 247.342 by changing the saturation by 10% instead.

 58, 14.484,
247.342


 58, 14.484,
247.342


 100, 14.484,
247.342

 48, 14.484,
247.342


 78, 14.484,
247.342

 38, 14.484,
247.342

 88, 14.484,
247.342

 28, 14.484,
247.342

 98, 14.484,
247.342

 18, 14.484,
247.342

 8, 14.484, 247.342

 0, 14.484, 247.342

■ 58, 14.484,
247.342

■ 58, 14.484,
247.342

■ 55, 18.996,
249.257

■ 61, 9.752, 245.769

■ 52, 23.258,
251.594

■ 64, 4.841, 244.506

■ 67, 0.212, 61.541

■ 50, 27.248,
254.421

■ 70, 5.371, 62.384

■ 47, 30.973,
257.801

■ 73, 10.608, 61.670

■ 76, 15.896, 61.050

■ 45, 34.472,
261.765

■ 79, 21.213, 60.520

■ 42, 37.832,
266.277

■ 82, 26.543, 60.064

■ 85, 30.160, 62.295

■ 40, 41.213,
271.042

■ 40, 41.361,

Harmonies

Complementary

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



58, 14.484, 247.342



58, 16.541, 60.509

Rectangle

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



58, 14.484, 247.342



58, 14.484, 297.342



58, 14.484, 67.342



58, 14.484, 117.342

Sweetspot

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



58, 14.483, 247.338



81, 5.650, 244.462



63, 24.727, 155.390



43, 3.950, 244.617



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



58, 14.483, 247.338



72, 21.021, 248.460



51, 24.720, 288.814



33, 2.873, 244.473



36, 37.869, 270.718



3, 4.646, 250.057

Inverse Universe

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



54, 24.983, 340.800



66, 36.658, 341.375



64, 23.480, 101.851



32, 4.744, 339.083



31, 57.792, 351.907



1, 7.033, 341.150

Previews

White Background



This preview shows how the CIELCh color 58, 14.484, 247.342 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 CIE LCh color 58, 14.484, 247.342 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

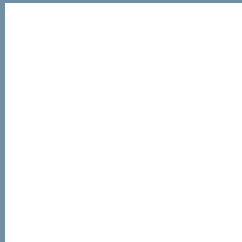
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 14.484, 247.342

Background



This preview shows how black text looks on a background with the CIELCh color 58, 14.484, 247.342.



This preview shows how white text looks on a background with the CIELCh color 58, 14.484, 247.342.

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

58, 14.484, 247.342

Protanopia

58, 11.960, 288.048

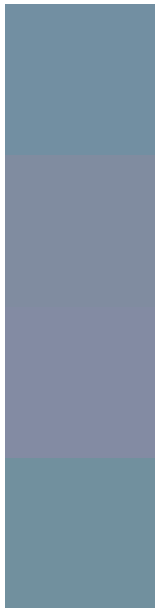
Deuteranopia

58, 16.050, 297.189



Tritanopia
58, 12.694, 231.273

Trichromacy



Original Color
58, 14.484, 247.342

Protanomaly
58, 12.051, 270.491

Deuteranomaly
58, 13.875, 279.825

Tritanomaly
58, 13.242, 235.777

Monochromacy



Original Color
58, 14.484, 247.342

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 5.423, 246.693

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 14.484, 247.342 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(114, 143, 162)` looks like.

```
.text, #text, p{  
    color:rgb(114, 143, 162)  
}
```

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(114, 143, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 143, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 14.484, 247.342 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(114, 143, 162) }
```

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

```
.border{ border-color:rgb(114, 143, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 143, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 143, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 143, 162);  
box-shadow:4px 4px 4px 4px rgb(114, 143,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 14.484, 247.342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 143, 162) }
```

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

```
.background{ background-color: rgb(114,  
143, 162) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor