

Converting Colors

CIELCh(56, 14.333, 248.472)

Have a look what the booklet for
CIELCh(56, 14.333, 248.472)
contains.

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Color

CIELCh(56, 14.333, 248.472)

Conversions

Conversions Part 1

Format	Color
Hex	6E8A9D
RGB	110, 138, 157
RGB Percent	43%, 54%, 62%
CMY	0.5688, 0.4590, 0.3845
CMYK	0.30, 0.12, 0.00, 0.38
HSL	204°, 19%, 52%
HSV	204°, 30%, 62%
XYZ	21.5920, 23.9124, 35.3593
YIQ	131.7940, -22.7870, -0.0270

Conversions

Conversions Part 2

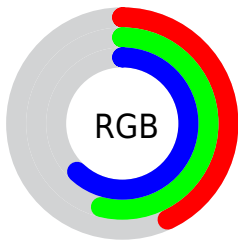
Format	Color
R_{YB}	110, 128, 157
Decimal	7244445
CIE _{Lab}	56.00, -5.26, -13.33
CIE _{LCh}	56, 14.333, 248.472
Yxy	23.9124, 0.2670, 0.2957
Android (android.graphics.Color)	4285434525 (0xFF6E8A9D)
YUV	131.7940, 12.4266, -19.1133
Hunter-Lab	48.9003, -6.7588, -8.6417

Details

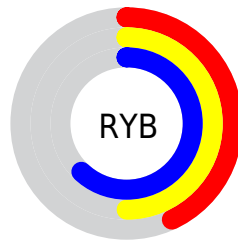
The CIELCh color $56, 14.333, 248.472$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $56, 16.324, 61.412$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 14.503, 250.468$, and $36, 14.574, 249.090$ is the 20% darker color. If you saturate the color by 10%, you get $53, 18.759, 250.418$, and if you desaturate by 10%, it is $59, 9.703, 246.869$.

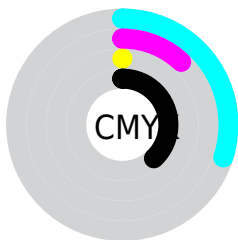
Distribution



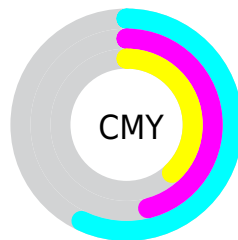
- Red (43%)
- Green (54%)
- Blue (62%)



- Red (43%)
- Yellow (50%)
- Blue (62%)



- Cyan (30%)
- Magenta (12%)
- Yellow (0%)
- Black (38%)




- Cyan (57%)
- Magenta (46%)
- Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 14.333, 248.472 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 56, 14.333, 248.472 by changing the saturation by 10% instead.


 56, 14.333,
248.472


 56, 14.333,
248.472


 100, 14.333,
248.472


 46, 14.333,
248.472


 76, 14.333,
248.472

 36, 14.333,
248.472

 86, 14.333,
248.472

 26, 14.333,
248.472

 96, 14.333,
248.472

 16, 14.333,
248.472

 6, 14.333, 248.472

 0, 14.333, 248.472

■ 56, 14.333,
248.472

■ 56, 14.333,
248.472

■ 53, 18.759,
250.418

■ 59, 9.703, 246.869

■ 62, 4.905, 245.575

■ 50, 22.954,
252.784

■ 65, 0.025, 49.520

■ 48, 26.898,
255.638

■ 68, 5.053, 63.403

■ 45, 30.601,
259.039

■ 71, 10.153, 62.666

■ 74, 15.299, 62.025

■ 43, 34.103,
263.011

■ 77, 20.472, 61.475

■ 41, 37.488,
267.513

■ 80, 25.654, 61.000

■ 83, 30.834, 60.588

■ 38, 40.918,
272.214

■ 38, 40.938,

Harmonies

Complementary

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



56, 14.333, 248.472



56, 16.324, 61.412

Rectangle

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



56, 14.333, 248.472



56, 14.333, 298.472



56, 14.333, 68.472



56, 14.333, 118.472

Sweetspot

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



56, 14.332, 248.468



79, 5.503, 245.489



61, 24.036, 156.100



41, 3.808, 245.643



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



56, 14.332, 248.468



69, 21.068, 249.742



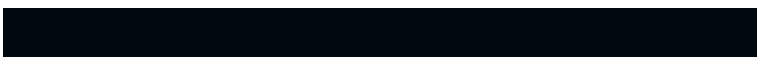
49, 24.831, 289.637



32, 2.809, 245.497



35, 37.955, 271.792



2, 3.769, 248.070

Inverse Universe

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



52, 24.473, 341.242



63, 36.386, 341.891



62, 23.498, 102.693



31, 4.594, 339.474



31, 56.852, 352.553



1, 5.828, 340.301

Previews

White Background



This preview shows how the CIELCh color 56, 14.333, 248.472 looks on a white background.

Color Contrast Check

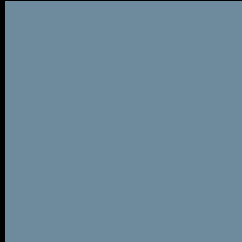
Large Text (above 18pt) WCAG AA ✓ Pass

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 56, 14.333, 248.472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

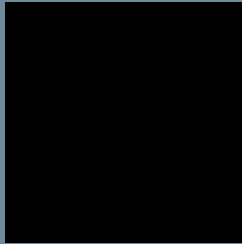
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

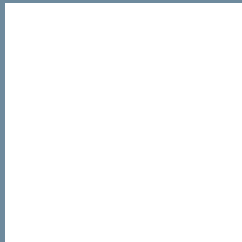
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 56, 14.333, 248.472

Background



This preview shows how black text looks on a background with the CIELCh color 56, 14.333, 248.472.



This preview shows how white text looks on a background with the CIELCh color 56, 14.333, 248.472.

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

56, 14.333, 248.472

Protanopia

56, 12.061, 286.368

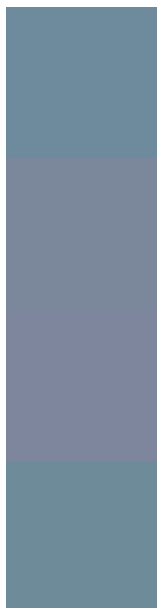
Deuteranopia

56, 15.587, 297.378



Tritanopia
56, 12.493, 228.968

Trichromacy



Original Color
56, 14.333, 248.472

Protanomaly
56, 12.125, 270.588

Deuteranomaly
56, 13.965, 279.912

Tritanomaly
56, 13.033, 236.772

Monochromacy



Original Color
56, 14.333, 248.472

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 5.455, 246.739

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 14.333, 248.472 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(110, 138, 157)` looks like.

```
.text, #text, p{  
    color:rgb(110, 138, 157)  
}
```

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(110, 138, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 138, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 14.333, 248.472 is called "border". The border property can be set on classes, ids or directly on the HTML element.

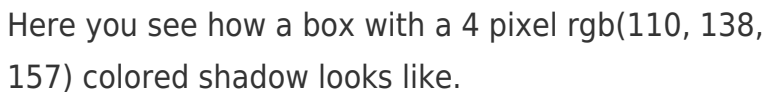
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 138, 157) }
```

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

```
.border{ border-color:rgb(110, 138, 157) }
```

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



Here you see how a box with a 4 pixel `rgb(110, 138, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 138, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 138, 157);  
box-shadow:4px 4px 4px 4px rgb(110, 138,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 14.333, 248.472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 138, 157) }
```

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

```
.background{ background-color: rgb(110,  
138, 157) }
```

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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