

Converting Colors

CIELCh(62, 13.434, 246.566)

Have a look what the booklet for
CIELCh(62, 13.434, 246.566)
contains.

CIELCh(62, 13.394, 244.455)	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(62, 13.394, 244.455)

Conversions

Conversions Part 1

Format	Color
Hex	7E9AAB
RGB	126, 154, 171
RGB Percent	49%, 60%, 67%
CMY	0.5066, 0.3968, 0.3302
CMYK	0.26, 0.10, 0.00, 0.33
HSL	203°, 21%, 58%
HSV	203°, 26%, 67%
XYZ	27.4329, 30.4025, 42.8531
YIQ	147.5660, -22.1450, -0.6490

Conversions

Conversions Part 2

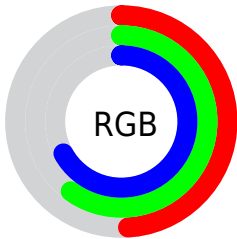
Format	Color
RYB	126, 143, 171
Decimal	8297131
CIELab	62.00, -5.78, -12.08
CIElCh	62, 13.394, 244.455
Yxy	30.4025, 0.2725, 0.3019
Android (android.graphics.Color)	4286487211 (0xFF7E9AAB)
YUV	147.5660, 11.5530, -18.9134
Hunter-Lab	55.1385, -7.6839, -7.4827

Details

The CIELCh color $62, 13.394, 244.455$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $61, 15.174, 58.748$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 13.440, 244.362$, and $42, 13.381, 245.181$ is the 20% darker color. If you saturate the color by 10%, you get $59, 18.088, 246.198$, and if you desaturate by 10%, it is $65, 8.461, 243.034$.

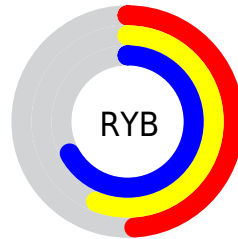
Distribution



Red (49%)

Green (60%)

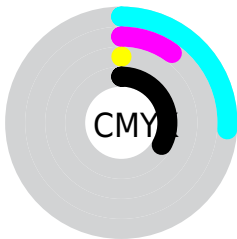
Blue (67%)



Red (49%)

Yellow (56%)

Blue (67%)

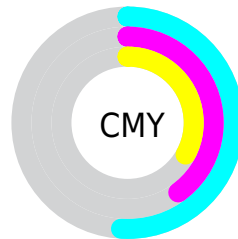


Cyan (26%)

Magenta (10%)

Yellow (0%)

Black (33%)



Cyan (51%)


Magenta (40%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 13.394, 244.455 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 62, 13.394, 244.455 by changing the saturation by 10% instead.


 62, 13.394,
244.455


 62, 13.394,
244.455


 100, 13.394,
244.455


 52, 13.394,
244.455


 82, 13.394,
244.455

 42, 13.394,
244.455

 92, 13.394,
244.455

 32, 13.394,
244.455

 22, 13.394,
244.455

 12, 13.394,
244.455

 2, 13.394, 244.455

 0, 13.394, 244.455

■ 62, 13.394,
244.455

■ 62, 13.394,
244.455

■ 59, 18.088,
246.198

■ 65, 8.461, 243.034

■ 68, 3.335, 241.934

■ 56, 22.504,
248.344

■ 71, 1.941, 60.636

■ 54, 26.610,
250.964

■ 74, 7.331, 59.993

■ 51, 30.397,
254.131

■ 77, 12.802, 59.353

■ 80, 18.327, 58.806

■ 49, 33.893,
257.896

■ 84, 23.883, 58.341

■ 46, 37.169,
262.258

■ 86, 27.085, 61.781

■ 88, 27.659, 70.000

■ 44, 40.354,
267.100

■ 43, 41.560,

268.828

Harmonies

Complementary

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



62, 13.394, 244.455



61, 15.174, 58.748

Rectangle

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



62, 13.394, 244.455



62, 13.394, 294.455



62, 13.394, 64.455



62, 13.394, 114.455

Sweetspot

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



62, 13.393, 244.450



85, 5.191, 242.102



66, 23.280, 154.976



45, 3.711, 242.252



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



62, 13.393, 244.450



77, 19.870, 245.496



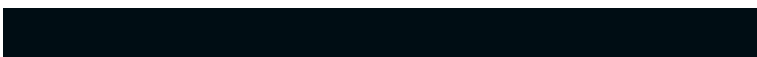
56, 22.387, 287.510



34, 2.928, 242.216



37, 37.068, 268.170



3, 5.600, 250.473

Inverse Universe

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



58, 23.465, 339.640



71, 35.266, 340.196



67, 21.459, 101.293



33, 4.930, 338.243



32, 59.026, 350.461



2, 8.437, 341.332

Previews

White Background



This preview shows how the CIELCh color 62, 13.394, 244.455 looks on a white background.

Color Contrast Check

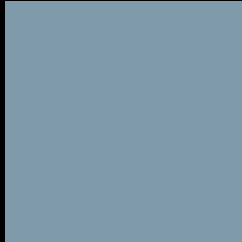
Large Text (above 18pt) WCAG AA × Fail

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 62, 13.394, 244.455 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 ✓ Pass

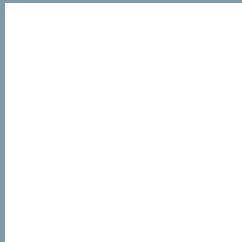
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 13.394, 244.455

Background



This preview shows how black text looks on a background with the CIELCh color 62, 13.394, 244.455.



This preview shows how white text looks on a background with the CIELCh color 62, 13.394, 244.455.

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


62, 13.394, 244.455

Protanopia

62, 10.678, 289.391

Deuteranopia

62, 14.887, 301.609



Tritanopia
62, 12.336, 235.148

Trichromacy



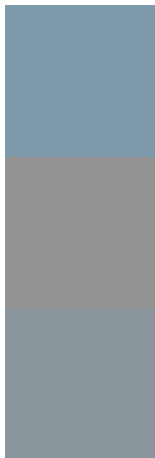
Original Color
62, 13.394, 244.455

Protanomaly
62, 10.759, 269.692

Deuteranomaly
62, 13.043, 282.109

Tritanomaly
62, 12.633, 237.379

Monochromacy



Original Color
62, 13.394, 244.455

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 5.362, 246.611

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 13.394, 244.455 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(126, 154, 171)` looks like.

```
.text, #text, p{  
    color:rgb(126, 154, 171)  
}
```

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(126, 154, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 154, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 13.394, 244.455 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(126, 154, 171) }
```

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

```
.border{ border-color:rgb(126, 154, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 154, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 154, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 154, 171);  
box-shadow:4px 4px 4px 4px rgb(126, 154,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 13.394, 244.455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 154, 171) }
```

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

```
.background{ background-color: rgb(126,  
154, 171) }
```

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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