

Converting Colors

CIELCh(62, 3.428, 240.233)

Have a look what the booklet for
CIELCh(62, 3.428, 240.233) contains.

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Color

CIELCh(62, 3.432, 240.237)

Conversions

Conversions Part 1

Format	Color
Hex	90979B
RGB	144, 151, 155
RGB Percent	56%, 59%, 61%
CMY	0.4355, 0.4081, 0.3924
CMYK	0.07, 0.03, 0.00, 0.39
HSL	202°, 5%, 59%
HSV	202°, 7%, 61%
XYZ	28.4596, 30.4025, 35.3524
YIQ	149.3630, -5.4560, -0.2400

Conversions

Conversions Part 2

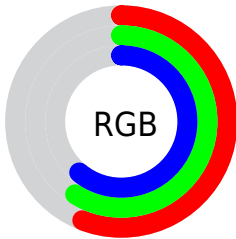
Format	Color
RYB	144, 148, 155
Decimal	9475995
CIELab	62.00, -1.70, -2.98
CIElCh	62, 3.432, 240.237
Yxy	30.4025, 0.3021, 0.3227
Android (android.graphics.Color)	4287666075 (0xFF90979B)
YUV	149.3630, 2.7790, -4.7034
Hunter-Lab	55.1385, -4.3599, 0.5828

Details

The CIELCh color $62, 3.432, 240.237$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $62, 3.535, 58.690$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 3.256, 240.100$, and $42, 3.382, 244.976$ is the 20% darker color. If you saturate the color by 10%, you get $59, 8.127, 241.276$, and if you desaturate by 10%, it is $65, 1.415, 58.896$.

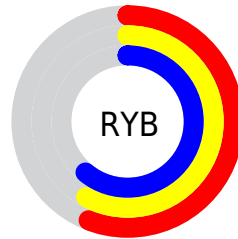
Distribution



Red (56%)

Green (59%)

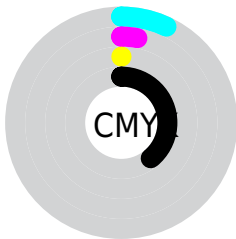
Blue (61%)



Red (56%)

Yellow (58%)

Blue (61%)

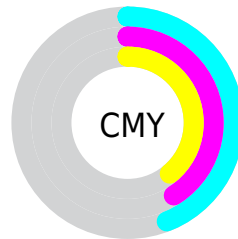


Cyan (7%)

Magenta (3%)

Yellow (0%)

Black (39%)



Cyan (44%)

Magenta (41%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 3.432, 240.237 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, 3.432, 240.237 by changing the saturation by 10% instead.

■ 62, 3.432, 240.237

■ 62, 3.432, 240.237

■ 100, 3.432,
240.237

■ 52, 3.432, 240.237

■ 82, 3.432, 240.237

■ 42, 3.432, 240.237

■ 92, 3.432, 240.237

■ 32, 3.432, 240.237

■ 22, 3.432, 240.237

■ 12, 3.432, 240.237

■ 2, 3.432, 240.237

■ 0, 3.432, 240.237

■ 62, 3.432, 240.237

■ 62, 3.432, 240.237

■ 59, 8.127, 241.276

■ 65, 1.415, 58.896

■ 57, 12.630,
242.647

■ 68, 6.377, 58.347

■ 54, 16.898,
244.345

■ 70, 11.422, 57.744

■ 52, 20.890,
246.436

■ 73, 16.524, 57.230

■ 49, 24.575,
248.996

■ 79, 26.817, 56.426

■ 47, 27.943,
252.100

■ 82, 31.976, 56.112

■ 45, 31.016,
255.803

■ 83, 32.835, 61.067

■ 42, 33.858,
260.111

■ 85, 33.167, 67.017

■ 41, 36.600,
264.880

Harmonies

Complementary

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



62, 3.432, 240.237



62, 3.535, 58.690

Rectangle

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



62, 3.432, 240.237



62, 3.432, 290.237



62, 3.432, 60.237



62, 3.432, 110.237

Sweetspot

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



62, 3.432, 240.210



80, 1.210, 239.995



63, 5.851, 155.929



43, 0.694, 240.008



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



62, 3.432, 240.210



78, 5.370, 240.401



61, 5.301, 284.051



31, 2.695, 240.405



36, 34.596, 265.722



2, 2.962, 240.748

Inverse Universe

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



61, 5.828, 337.419



76, 9.167, 337.581



63, 5.238, 102.479



30, 4.601, 337.584



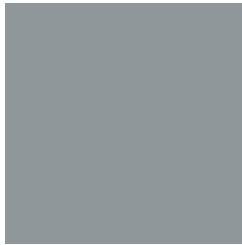
30, 57.255, 349.174



1, 4.895, 337.442

Previews

White Background



This preview shows how the CIELCh color 62, 3.432, 240.237 looks on a white background.

Color Contrast Check

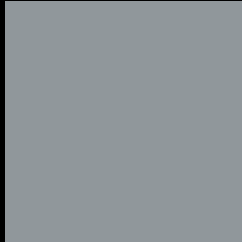
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 62, 3.432, 240.237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

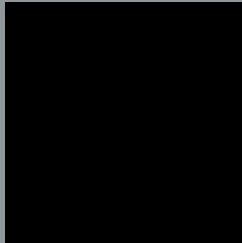
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

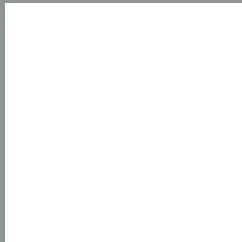
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 3.432, 240.237

Background



This preview shows how black text looks on a background with the CIELCh color 62, 3.432, 240.237.



This preview shows how white text looks on a background with the CIELCh color 62, 3.432, 240.237.

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

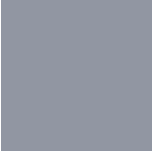
62, 3.432, 240.237

Protanopia

62, 2.924, 305.632

Deuteranopia

62, 8.751, 335.436



Tritanopia
62, 6.948, 275.483

Trichromacy



Original Color
62, 3.432, 240.237

Protanomaly
62, 2.362, 271.684

Deuteranomaly
62, 5.940, 321.638

Tritanomaly
62, 5.352, 270.345

Monochromacy



Original Color
62, 3.432, 240.237

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 1.272, 225.873

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 3.432, 240.237 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(144, 151, 155)` looks like.

```
.text, #text, p{  
    color:rgb(144, 151, 155)  
}
```

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(144, 151, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 151, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 3.432, 240.237 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(144, 151, 155) }
```

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

```
.border{ border-color:rgb(144, 151, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 151, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(144, 151, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(144, 151, 155); box-shadow:4px 4px 4px 4px rgb(144, 151, 155) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 3.432, 240.237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 151, 155) }
```

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

```
.background{ background-color: rgb(144,  
151, 155) }
```

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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