

Converting Colors

CIELCh(32, 10.465, 247.926)

Have a look what the booklet for
CIELCh(32, 10.465, 247.926)
contains.

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Color

CIELCh(32, 10.282, 246.684)

Conversions

Conversions Part 1

Format	Color
Hex	3B4E5A
RGB	59, 78, 90
RGB Percent	23%, 31%, 35%
CMY	0.7693, 0.6948, 0.6477
CMYK	0.35, 0.13, 0.00, 0.65
HSL	203°, 21%, 29%
HSV	203°, 35%, 35%
XYZ	6.3446, 7.0852, 10.6678
YIQ	73.6870, -15.1760, -0.2960

Conversions

Conversions Part 2

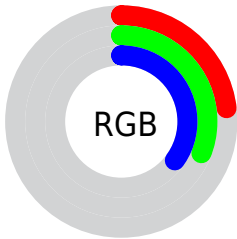
Format	Color
R _Y B	59, 71, 90
Decimal	3886682
CIE Lab	32.00, -4.07, -9.44
CIE LCh	32, 10.282, 246.684
Yxy	7.0852, 0.2633, 0.2940
Android (android.graphics.Color)	4282076762 (0xFF3B4E5A)
YUV	73.6870, 8.0423, -12.8805
Hunter-Lab	26.6180, -4.0345, -5.1294

Details

The CIELCh color $32, 10.282, 246.684$ is a dark color, and the websafe version is hex 333333 . A complement of this color would be $32, 11.972, 59.269$, and the grayscale version is $31, 0.005, 296.813$.

A 20% lighter version of the original color is $52, 10.332, 246.066$, and $12, 10.117, 244.340$ is the 20% darker color. If you saturate the color by 10%, you get $30, 12.991, 248.549$, and if you desaturate by 10%, it is $34, 7.433, 245.136$.

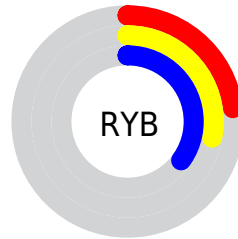
Distribution



Red (23%)

Green (31%)

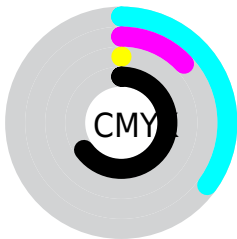
Blue (35%)



Red (23%)

Yellow (28%)

Blue (35%)

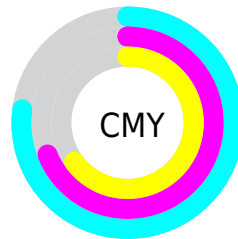


Cyan (35%)

Magenta (13%)

Yellow (0%)

Black (65%)



Cyan (77%)


Magenta (69%)


Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 10.282, 246.684 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 32, 10.282, 246.684 by changing the saturation by 10% instead.


 32, 10.282,
246.684


 32, 10.282,
246.684

 100, 10.282,
246.684


 22, 10.282,
246.684

 52, 10.282,
246.684


 12, 10.282,
246.684


 62, 10.282,
246.684

 2, 10.282, 246.684

 72, 10.282,
246.684

 0, 10.282, 246.684

 82, 10.282,
246.684

 92, 10.282,
246.684

■ 32, 10.282,
246.684

■ 32, 10.282,
246.684

■ 30, 12.991,
248.549

■ 34, 7.433, 245.136

■ 29, 15.545,
250.801

■ 36, 4.468, 243.869

■ 37, 1.407, 242.919

■ 27, 17.932,
253.499

■ 39, 1.729, 61.694

■ 25, 20.156,
256.693

■ 41, 4.921, 61.034

■ 43, 8.154, 60.417

■ 24, 22.241,
260.411

■ 45, 11.414, 59.883

■ 23, 24.267,
264.451

■ 47, 14.689, 59.422

■ 49, 17.972, 59.024

■ 22, 25.434,
266.466

Harmonies

Complementary

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



32, 10.282, 246.684



32, 11.972, 59.269

Rectangle

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



32, 10.282, 246.684



32, 10.282, 296.684



32, 10.282, 66.684



32, 10.282, 116.684

Sweetspot

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



32, 10.282, 246.681



47, 3.861, 243.419



35, 17.719, 155.098



23, 2.604, 243.509



76, 0.009, 296.813



25, 0.004, 296.813

Same Dimension

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



32, 10.282, 246.681



40, 14.983, 248.115



27, 17.832, 289.284



18, 1.771, 243.274



27, 29.762, 267.863



58, 55.006, 271.387

Inverse Universe

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



29, 18.031, 340.625



36, 26.612, 341.335



36, 16.836, 101.544



17, 2.946, 338.592



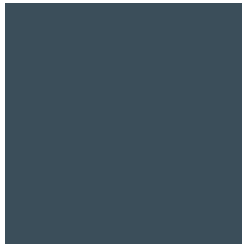
23, 47.629, 350.294



52, 82.978, 352.307

Previews

White Background



This preview shows how the CIELCh color 32, 10.282, 246.684 looks on a white 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

Black Background



This preview shows how the CIELCh color 32, 10.282, 246.684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

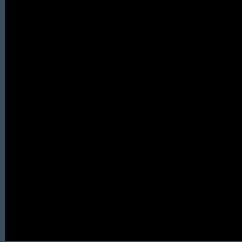
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

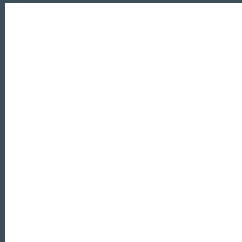
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 32, 10.282, 246.684

Background



This preview shows how black text looks on a background with the CIELCh color 32, 10.282, 246.684.



This preview shows how white text looks on a background with the CIELCh color 32, 10.282, 246.684.

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

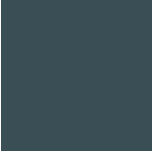
32, 10.282, 246.684

Protanopia

32, 8.887, 289.151

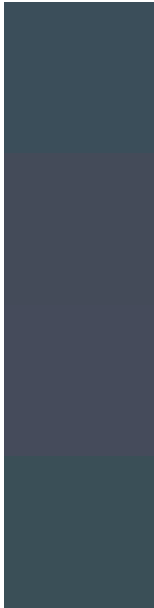
Deuteranopia

32, 11.480, 296.194



Tritanopia
32, 8.912, 223.762

Trichromacy



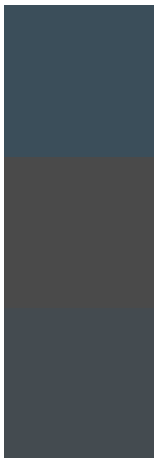
Original Color
32, 10.282, 246.684

Protanomaly
32, 9.225, 274.268

Deuteranomaly
32, 10.347, 278.799

Tritanomaly
32, 9.394, 231.269

Monochromacy



Original Color
32, 10.282, 246.684

Achromatopsia
31, 0.005, 296.813

Achromatomaly
31, 4.256, 247.587

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 10.282, 246.684 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(59, 78, 90)` looks like.

```
.text, #text, p{  
    color:rgb(59, 78, 90)  
}
```

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(59, 78, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 78, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 10.282, 246.684 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(59, 78, 90) }
```

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

```
.border{ border-color:rgb(59, 78, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 78, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 78, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 78, 90);  
box-shadow:4px 4px 4px 4px rgb(59, 78, 90)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 10.282, 246.684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 78, 90) }
```

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

```
.background{ background-color: rgb(59, 78,  
90) }
```

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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