

Converting Colors

CIELCh(32, 15.366, 251.498)

Have a look what the booklet for
CIELCh(32, 15.366, 251.498)
contains.

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Color

CIELCh(32, 15.299, 250.833)

Conversions

Conversions Part 1

Format	Color
Hex	324F62
RGB	50, 79, 98
RGB Percent	20%, 31%, 38%
CMY	0.8053, 0.6916, 0.6171
CMYK	0.49, 0.19, 0.00, 0.62
HSL	204°, 33%, 29%
HSV	204°, 49%, 38%
XYZ	6.2556, 7.0852, 12.5025
YIQ	72.4950, -23.3830, -0.2390

Conversions

Conversions Part 2

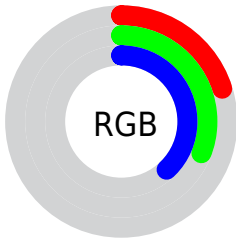
Format	Color
R_{YB}	50, 68, 98
Decimal	3297122
CIE Lab	32.00, -5.02, -14.45
CIE LCh	32, 15.299, 250.833
Yxy	7.0852, 0.2421, 0.2742
Android (android.graphics.Color)	4281487202 (0xFF324F62)
YUV	72.4950, 12.5740, -19.7281
Hunter-Lab	26.6180, -4.6316, -9.2160

Details

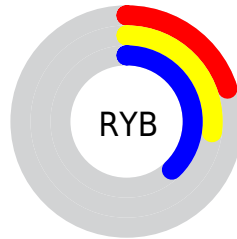
The CIELCh color **32, 15.299, 250.833** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **32, 19.146, 58.952**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **52, 15.473, 251.129**, and **12, 14.950, 249.259** is the 20% darker color. If you saturate the color by 10%, you get **30, 17.983, 253.363**, and if you desaturate by 10%, it is **34, 12.446, 248.724**.

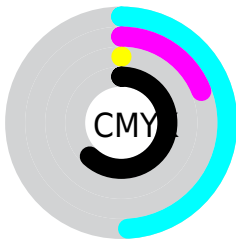
Distribution



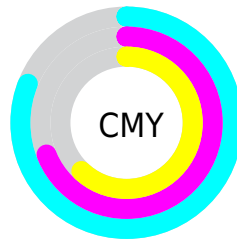
- Red (20%)
- Green (31%)
- Blue (38%)



- Red (20%)
- Yellow (27%)
- Blue (38%)



- Cyan (49%)
- Magenta (19%)
- Yellow (0%)
- Black (62%)





- Cyan (81%)
- Magenta (69%)
- Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 15.299, 250.833 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, 15.299, 250.833 by changing the saturation by 10% instead.


 32, 15.299,
250.833


 32, 15.299,
250.833

 100, 15.299,
250.833


 22, 15.299,
250.833

 52, 15.299,
250.833


 12, 15.299,
250.833


 62, 15.299,
250.833

 2, 15.299, 250.833

 72, 15.299,
250.833

 0, 15.299, 250.833

 82, 15.299,
250.833

 92, 15.299,
250.833

■ 32, 15.299,
250.833

■ 32, 15.299,
250.833

■ 30, 17.983,
253.363

■ 34, 12.446,
248.724

■ 29, 20.498,
256.377

■ 36, 9.440, 246.978

■ 27, 22.858,
259.913

■ 38, 6.302, 245.538

■ 40, 3.054, 244.373

■ 25, 25.102,
263.967

■ 42, 0.281, 62.329

■ 24, 27.384,
268.001

■ 44, 3.682, 62.356

■ 46, 7.131, 61.676

■ 24, 27.584,
268.313

■ 48, 10.613, 61.080

■ 50, 14.116, 60.566

Harmonies

Complementary

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



32, 15.299, 250.833



32, 19.146, 58.952

Rectangle

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



32, 15.299, 250.833



32, 15.299, 300.833



32, 15.299, 70.833



32, 15.299, 120.833

Sweetspot

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



32, 15.298, 250.832



50, 6.178, 245.074



37, 26.675, 153.454



24, 4.170, 245.247



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



32, 15.298, 250.832



40, 22.248, 253.821



25, 27.958, 291.966



19, 1.860, 244.344



28, 30.798, 269.238



58, 56.458, 272.630

Inverse Universe

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



28, 27.087, 342.504



34, 39.581, 343.827



39, 25.476, 100.001



18, 3.065, 339.000



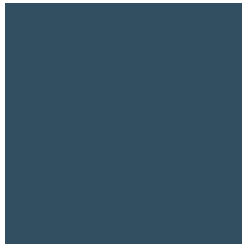
23, 48.191, 351.053



52, 83.317, 353.074

Previews

White Background



This preview shows how the CIE LCh color 32, 15.299, 250.833 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, 15.299, 250.833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

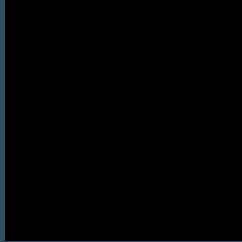
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

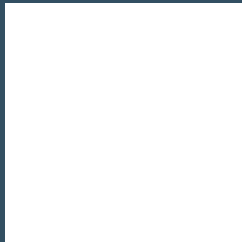
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 32, 15.299, 250.833

Background



This preview shows how black text looks on a background with the CIELCh color 32, 15.299, 250.833.



This preview shows how white text looks on a background with the CIELCh color 32, 15.299, 250.833.

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, 15.299, 250.833

Protanopia

32, 12.743, 285.437

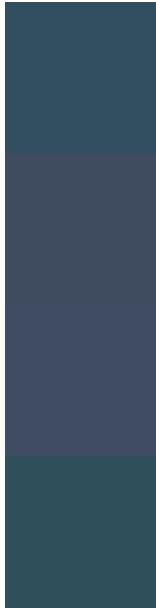
Deuteranopia

32, 15.876, 287.507



Tritanopia
32, 13.169, 214.651

Trichromacy



Original Color
32, 15.299, 250.833

Protanomaly
32, 12.818, 269.876

Deuteranomaly
32, 15.142, 274.340

Tritanomaly
32, 13.426, 229.547

Monochromacy



Original Color
32, 15.299, 250.833

Achromatopsia
31, 0.005, 296.813

Achromatomaly
31, 5.955, 247.749

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 15.299, 250.833 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(50, 79, 98)` looks like.

```
.text, #text, p{  
    color:rgb(50, 79, 98)  
}
```

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(50, 79, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 79, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 15.299, 250.833 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(50, 79, 98) }
```

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

```
.border{ border-color:rgb(50, 79, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 79, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 79, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 79, 98);  
box-shadow:4px 4px 4px 4px rgb(50, 79, 98)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 15.299, 250.833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 79, 98) }
```

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

```
.background{ background-color: rgb(50, 79,  
98) }
```

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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