

Converting Colors

CIELCh(32, 23.591, 248.946)

Have a look what the booklet for
CIELCh(32, 23.591, 248.946)
contains.

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Color

CIELCh(32, 23.351, 247.946)

Conversions

Conversions Part 1

Format	Color
Hex	11516D
RGB	17, 81, 109
RGB Percent	7%, 32%, 43%
CMY	0.9342, 0.6828, 0.5731
CMYK	0.85, 0.26, 0.00, 0.57
HSL	198°, 73%, 25%
HSV	198°, 85%, 43%
XYZ	5.9139, 7.0852, 15.4876
YIQ	65.0560, -47.1320, -4.8600

Conversions

Conversions Part 2

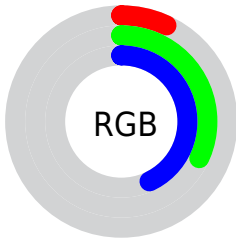
Format	Color
RYB	17, 55, 109
Decimal	1134957
CIELab	32.00, -8.77, -21.64
CIELCh	32, 23.351, 247.946
Yxy	7.0852, 0.2076, 0.2487
Android (android.graphics.Color)	4279325037 (0xFF11516D)
YUV	65.0560, 21.6644, -42.1451
Hunter-Lab	26.6180, -6.9232, -15.8652

Details

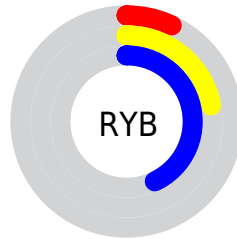
The CIELCh color **32, 23.351, 247.946** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **27, 40.806, 48.950**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **52, 23.458, 248.989**, and **14, 19.027, 263.891** is the 20% darker color. If you saturate the color by 10%, you get **31, 24.892, 252.041**, and if you desaturate by 10%, it is **33, 21.601, 244.387**.

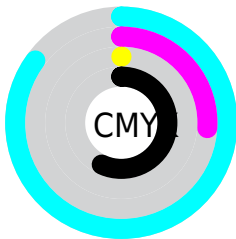
Distribution



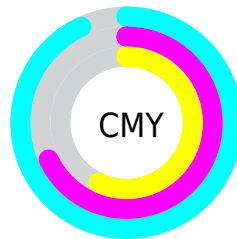
- Red (7%)
- Green (32%)
- Blue (43%)



- Red (7%)
- Yellow (22%)
- Blue (43%)



- Cyan (85%)
- Magenta (26%)
- Yellow (0%)
- Black (57%)





- Cyan (93%)
- Magenta (68%)
- Yellow (57%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 32, 23.351, 247.946 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, 23.351, 247.946 by changing the saturation by 10% instead.


 32, 23.351,
247.946


 32, 23.351,
247.946

 100, 23.351,
247.946


 22, 23.351,
247.946

 52, 23.351,
247.946


 12, 23.351,
247.946


 62, 23.351,
247.946

 2, 23.351, 247.946

 72, 23.351,
247.946

 0, 23.351, 247.946

 82, 23.351,
247.946

 92, 23.351,
247.946

■ 32, 23.351,
247.946

■ 32, 23.351,
247.946

■ 31, 24.892,
252.041

■ 33, 21.601,
244.387

■ 30, 25.753,
254.172

■ 35, 19.567,
241.425

■ 36, 17.226,
239.002

■ 38, 14.588,
237.041

■ 40, 11.676,
235.468

■ 41, 8.525, 234.214

■ 43, 5.175, 233.228

■ 45, 1.660, 232.554

Harmonies

Complementary

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



32, 23.351, 247.946



27, 40.806, 48.950

Rectangle

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



32, 23.351, 247.946



32, 23.351, 297.946



32, 23.351, 67.946



32, 23.351, 117.946

Sweetspot

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



32, 23.350, 247.946



54, 10.799, 234.339



40, 49.479, 144.794



26, 7.267, 234.646



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



32, 23.350, 247.946



40, 31.688, 255.703



18, 50.187, 297.089



21, 1.989, 232.789



32, 27.255, 254.629



66, 48.197, 257.834

Inverse Universe

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



24, 46.966, 341.851



31, 60.028, 344.722



39, 41.666, 90.627



21, 3.561, 334.986



25, 52.274, 344.307



54, 88.975, 345.577

Previews

White Background



This preview shows how the CIELCh color 32, 23.351, 247.946 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, 23.351, 247.946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

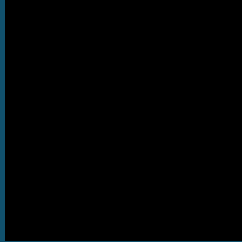
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 23.351, 247.946

Background



This preview shows how black text looks on a background with the CIELCh color 32, 23.351, 247.946.

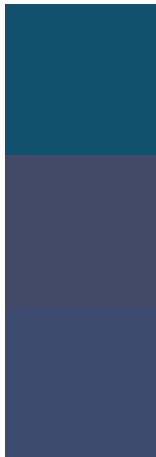


This preview shows how white text looks on a background with the CIELCh color 32, 23.351, 247.946.

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, 23.351, 247.946

Protanopia

32, 19.131, 284.836

Deuteranopia

32, 22.502, 280.966



Tritanopia
32, 21.626, 206.870

Trichromacy



Original Color
32, 23.351, 247.946

Protanomaly
32, 20.195, 265.353

Deuteranomaly
32, 22.725, 266.932

Tritanomaly
32, 21.066, 222.250

Monochromacy



Original Color
32, 23.351, 247.946

Achromatopsia
28, 0.004, 296.813

Achromatomaly
29, 10.885, 234.927

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 23.351, 247.946 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(17, 81, 109)` looks like.

```
.text, #text, p{  
    color:rgb(17, 81, 109)  
}
```

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(17, 81, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 81, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 23.351, 247.946 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(17, 81, 109) }
```

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

```
.border{ border-color:rgb(17, 81, 109) }
```

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

Here you see how a box with a 4 pixel rgb(17, 81, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 81, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 81, 109);  
box-shadow:4px 4px 4px 4px rgb(17, 81,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 32, 23.351, 247.946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 81, 109) }
```

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

```
.background{ background-color: rgb(17, 81,  
109) }
```

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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