

Converting Colors

CIELCh(32, 23.095, 160.085)

Have a look what the booklet for
CIELCh(32, 23.095, 160.085)
contains.

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Color

CIELCh(32, 23.197, 159.510)

Conversions

Conversions Part 1

Format	Color
Hex	26543E
RGB	38, 84, 62
RGB Percent	15%, 33%, 24%
CMY	0.8513, 0.6709, 0.7572
CMYK	0.55, 0.00, 0.26, 0.67
HSL	151°, 38%, 24%
HSV	151°, 55%, 33%
XYZ	4.8275, 7.0852, 5.6593
YIQ	67.7380, -20.3540, -16.5940

Conversions

Conversions Part 2

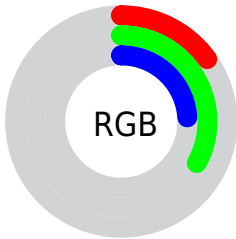
Format	Color
R_{YB}	38, 68, 84
Decimal	2511934
CIE _{Lab}	32.00, -21.73, 8.12
CIE _{LCh}	32, 23.197, 159.510
Yxy	7.0852, 0.2747, 0.4032
Android (android.graphics.Color)	4280702014 (0xFF26543E)
YUV	67.7380, -2.8288, -26.0802
Hunter-Lab	26.6180, -14.2084, 6.0268

Details

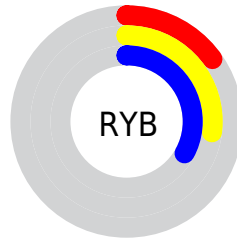
The CIELCh color **32, 23.197, 159.510** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **22, 24.678, 350.398**, and the grayscale version is **29, 0.004, 296.813**.

A 20% lighter version of the original color is **52, 22.972, 159.884**, and **12, 20.721, 156.630** is the 20% darker color. If you saturate the color by 10%, you get **32, 26.853, 158.144**, and if you desaturate by 10%, it is **32, 19.274, 160.728**.

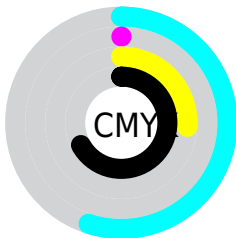
Distribution



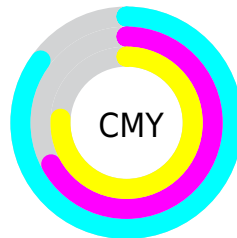
- Red (15%)
- Green (33%)
- Blue (24%)



- Red (15%)
- Yellow (27%)
- Blue (33%)



- Cyan (55%)
- Magenta (0%)
- Yellow (26%)
- Black (67%)





- Cyan (85%)
- Magenta (67%)
- Yellow (76%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 23.197, 159.510 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, 23.197, 159.510 by changing the saturation by 10% instead.


 32, 23.197,
159.510


 32, 23.197,
159.510

 100, 23.197,
159.510


 22, 23.197,
159.510

 52, 23.197,
159.510


 12, 23.197,
159.510


 62, 23.197,
159.510

 2, 23.197, 159.510

 72, 23.197,
159.510

 0, 23.197, 159.510

 82, 23.197,
159.510

 92, 23.197,
159.510

■ 32, 23.197,
159.510

■ 32, 23.197,
159.510

■ 32, 26.853,
158.144

■ 32, 19.274,
160.728

■ 31, 30.187,
156.616

■ 33, 15.144,
161.820

■ 31, 33.159,
154.911

■ 34, 10.870,
162.805

■ 31, 35.847,
153.139

■ 34, 6.510, 163.705

■ 31, 37.238,
152.324

■ 35, 2.114, 164.582

■ 36, 2.276, 345.121

■ 37, 6.626, 345.869

■ 38, 10.910,
346.517

■ 39, 15.111,

Harmonies

Complementary

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



32, 23.197, 159.510



22, 24.678, 350.398

Rectangle

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



32, 23.197, 159.510



32, 23.197, 209.510



32, 23.197, 339.510



32, 23.197, 29.510

Sweetspot

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



32, 23.197, 159.509



45, 8.765, 163.553



33, 29.981, 127.345



22, 5.964, 163.449



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



32, 23.197, 159.509



41, 33.807, 157.632



32, 16.073, 198.950



16, 2.399, 164.232



38, 44.010, 151.599



81, 81.644, 149.903

Inverse Universe

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



22, 24.678, 350.398



27, 36.025, 352.594



22, 23.291, 26.179



15, 2.428, 345.458



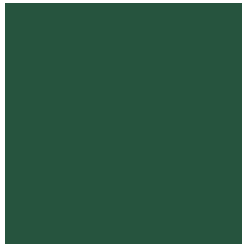
21, 44.040, 1.528



50, 78.656, 4.820

Previews

White Background



This preview shows how the CIELCh color 32, 23.197, 159.510 looks on a white background.

Color Contrast Check

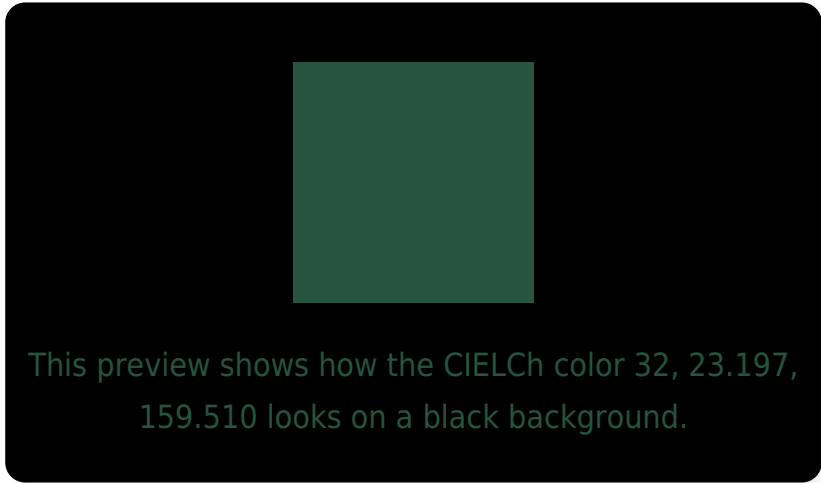
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

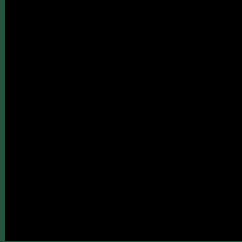
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 23.197, 159.510

Background



This preview shows how black text looks on a background with the CIELCh color 32, 23.197, 159.510.



This preview shows how white text looks on a background with the CIELCh color 32, 23.197, 159.510.

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](#).

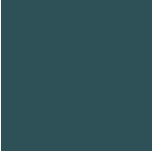
Dichromacy



Original Color
32, 23.197, 159.510

Protanopia
32, 10.957, 95.750

Deuteranopia
32, 8.312, 57.358



Tritanopia
32, 13.450, 214.254

Trichromacy



Original Color
32, 23.197, 159.510

Protanomaly
32, 13.365, 134.233

Deuteranomaly
31, 8.821, 129.731

Tritanomaly
32, 15.365, 187.657

Monochromacy



Original Color
32, 23.197, 159.510

Achromatopsia
29, 0.005, 296.813

Achromatomaly
30, 9.023, 163.430

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 23.197, 159.510 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(38, 84, 62)` looks like.

```
.text, #text, p{  
    color:rgb(38, 84, 62)  
}
```

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(38, 84, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 84, 62) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 23.197, 159.510 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(38, 84, 62) }
```

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

```
.border{ border-color:rgb(38, 84, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 84, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 84, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 84, 62);  
box-shadow:4px 4px 4px 4px rgb(38, 84, 62)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 23.197, 159.510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 84, 62) }
```

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

```
.background{ background-color: rgb(38, 84,  
62) }
```

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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