

Converting Colors

CIELCh(31, 32.712, 138.655)

Have a look what the booklet for
CIELCh(31, 32.712, 138.655)
contains.

CIELCh(31, 32.588, 139.076)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(31, 32.588, 139.076)

Conversions

Conversions Part 1

Format	Color
Hex	295226
RGB	41, 82, 38
RGB Percent	16%, 32%, 15%
CMY	0.8391, 0.6783, 0.8509
CMYK	0.50, 0.00, 0.54, 0.68
HSL	116°, 37%, 24%
HSV	116°, 54%, 32%
XYZ	4.2857, 6.6515, 2.8941
YIQ	64.7250, -10.3120, -22.3760

Conversions

Conversions Part 2

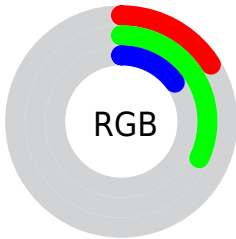
Format	Color
R _Y B	38, 82, 79
Decimal	2708006
CIE Lab	31.00, -24.62, 21.35
CIE LCh	31, 32.588, 139.076
Yxy	6.6515, 0.3099, 0.4809
Android (android.graphics.Color)	4280898086 (0xFF295226)
YUV	64.7250, -13.1754, -20.8068
Hunter-Lab	25.7905, -15.4715, 11.4000

Details

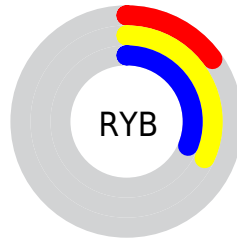
The CIELCh color **31, 32.588, 139.076** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **23, 32.649, 324.931**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **51, 32.578, 138.892**, and **11, 27.694, 143.266** is the 20% darker color. If you saturate the color by 10%, you get **31, 37.972, 138.214**, and if you desaturate by 10%, it is **32, 26.806, 139.901**.

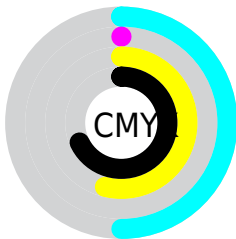
Distribution



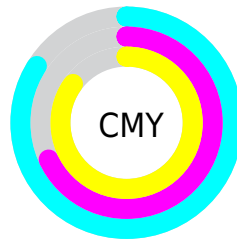
- Red (16%)
- Green (32%)
- Blue (15%)



- Red (15%)
- Yellow (32%)
- Blue (31%)



- Cyan (50%)
- Magenta (0%)
- Yellow (54%)
- Black (68%)





- Cyan (84%)
- Magenta (68%)
- Yellow (85%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 31, 32.588, 139.076 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 31, 32.588, 139.076 by changing the saturation by 10% instead.


 31, 32.588,
139.076


 31, 32.588,
139.076

 100, 32.588,
139.076


 21, 32.588,
139.076

 51, 32.588,
139.076


 11, 32.588,
139.076


 61, 32.588,
139.076

 1, 32.588, 139.076

 71, 32.588,
139.076

 0, 32.588, 139.076

 81, 32.588,
139.076

 91, 32.588,
139.076

■ 31, 32.588,
139.076

■ 31, 32.588,
139.076

■ 31, 37.972,
138.214

■ 32, 26.806,
139.901

■ 30, 42.775,
137.369

■ 32, 20.773,
140.657

■ 30, 46.786,
136.627

■ 33, 14.608,
141.333

■ 30, 49.987,
135.941

■ 34, 8.402, 141.931

■ 35, 2.226, 142.487

■ 30, 52.037,
135.297

■ 36, 3.869, 322.841

■ 37, 9.847, 323.243

■ 38, 15.685,
323.576

■ 39, 21.367,

Harmonies

Complementary

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



31, 32.588, 139.076



23, 32.649, 324.931

Rectangle

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



31, 32.588, 139.076



31, 32.588, 189.076



31, 32.588, 319.076



31, 32.588, 9.076

Sweetspot

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



31, 32.589, 139.077



44, 12.300, 141.764



33, 24.703, 101.490



21, 8.210, 141.701



74, 0.009, 296.813



22, 0.004, 296.813

Same Dimension

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



31, 32.589, 139.077



40, 47.306, 137.987



31, 24.412, 154.523



16, 3.417, 142.202



38, 61.724, 135.464



81, 111.185, 135.790

Inverse Universe

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



23, 32.649, 324.931



28, 47.177, 325.329



22, 25.151, 343.997



15, 3.427, 322.974



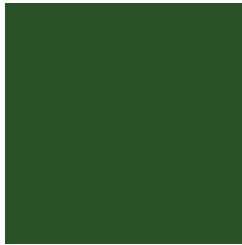
22, 60.227, 325.702



52, 108.045, 325.529

Previews

White Background



This preview shows how the CIELCh color 31, 32.588, 139.076 looks on a white background.

Color Contrast Check

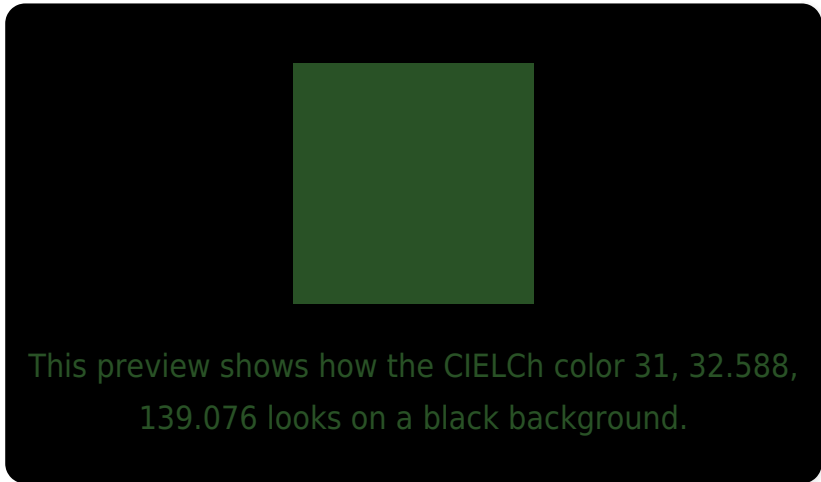
Large Text (above 18pt) WCAG AA ✓ Pass

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

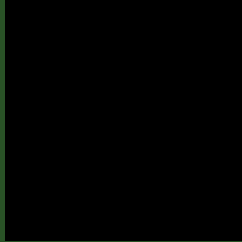
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 31, 32.588, 139.076

Background



This preview shows how black text looks on a background with the CIELCh color 31, 32.588, 139.076.



This preview shows how white text looks on a background with the CIELCh color 31, 32.588, 139.076.

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

31, 32.588, 139.076

Protanopia

31, 23.873, 95.933

Deuteranopia

31, 20.619, 77.218



Tritanopia
31, 10.815, 218.911

Trichromacy



Original Color
31, 32.588, 139.076

Protanomaly
31, 25.043, 116.997

Deuteranomaly
30, 21.135, 108.915

Tritanomaly
31, 15.342, 167.248

Monochromacy



Original Color
31, 32.588, 139.076

Achromatopsia
28, 0.004, 296.813

Achromatomaly
28, 12.369, 141.583

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 31, 32.588, 139.076 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(41, 82, 38)` looks like.

```
.text, #text, p{  
    color:rgb(41, 82, 38)  
}
```

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(41, 82, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 82, 38) }
```

Border

The CSS property to change the border of an element to CIELCh 31, 32.588, 139.076 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(41, 82, 38) }
```

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

```
.border{ border-color:rgb(41, 82, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 82, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 82, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 82, 38);  
box-shadow:4px 4px 4px 4px rgb(41, 82, 38)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 31, 32.588, 139.076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 82, 38) }
```

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

```
.background{ background-color: rgb(41, 82,  
38) }
```

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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