

Converting Colors

CIELCh(11, 24.117, 147.273)

Have a look what the booklet for
CIELCh(11, 24.117, 147.273)
contains.

CIELCh(11, 24.412, 147.082)	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(11, 24.412, 147.082)

Conversions

Conversions Part 1

Format	Color
Hex	002407
RGB	0, 36, 7
RGB Percent	0%, 14%, 3%
CMY	1.0000, 0.8597, 0.9741
CMYK	1.00, 0.00, 0.82, 0.86
HSL	131°, 100%, 7%
HSV	131°, 100%, 14%
XYZ	0.6572, 1.2610, 0.3984
YIQ	21.9300, -12.1470, -16.6510

Conversions

Conversions Part 2

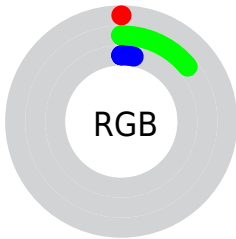
Format	Color
RYB	0, 30, 36
Decimal	9223
CIELab	11.00, -20.49, 13.27
CIELCh	11, 24.412, 147.082
Yxy	1.2610, 0.2837, 0.5443
Android (android.graphics.Color)	4278199303 (0xFF002407)
YUV	21.9300, -7.3605, -19.2326
Hunter-Lab	11.2295, -9.2050, 5.7569

Details

The CIELCh color **11, 24.412, 147.082** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4, 22.823, 334.285**, and the grayscale version is **7, 0.002, 296.812**.

A 20% lighter version of the original color is **31, 24.317, 147.601**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **11, 24.358, 146.950**, and if you desaturate by 10%, it is **11, 22.549, 146.608**.

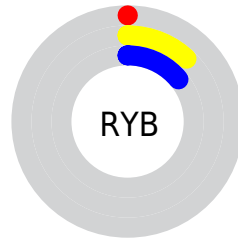
Distribution



Red (0%)

Green (14%)

Blue (3%)



Red (0%)

Yellow (12%)

Blue (14%)

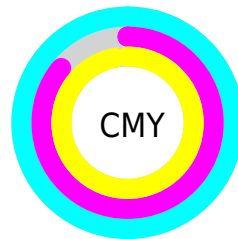


Cyan (100%)

Magenta (0%)

Yellow (82%)

Black (86%)



Cyan (100%)

Magenta (86%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 11, 24.412, 147.082 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 11, 24.412, 147.082 by changing the saturation by 10% instead.

■ 11, 24.412,
147.082

■ 11, 24.412,
147.082

■ 100, 24.412,
147.082

■ 1, 24.412, 147.082

■ 31, 24.412,
147.082

■ 0, 24.412, 147.082

■ 41, 24.412,
147.082


■ 51, 24.412,
147.082


■ 61, 24.412,
147.082


■ 71, 24.412,
147.082


■ 81, 24.412,

147.082


 91, 24.412,
147.082


 11, 24.412,
147.082


 11, 24.412,
147.082


 11, 24.358,
146.950

 11, 22.549,
146.608

 11, 20.667,
146.308

 12, 18.593,
146.293

 12, 16.274,
146.459

 12, 13.730,
146.916

■ 12, 11.030,
147.678

■ 13, 8.281, 148.367

■ 13, 5.511, 148.984

■ 14, 2.744, 149.546

Harmonies

Complementary

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



11, 24.412, 147.082



4, 22.823, 334.285

Rectangle

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



11, 24.412, 147.082



11, 24.412, 197.082



11, 24.412, 327.082



11, 24.412, 17.082

Sweetspot

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



11, 24.358, 146.950



17, 10.238, 148.236



13, 20.758, 116.629



7, 5.645, 149.130



62, 0.008, 296.813



8, 0.002, 296.812

Same Dimension

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



11, 24.358, 146.950



15, 30.666, 143.493



11, 17.040, 166.521



5, 1.105, 149.835



29, 47.857, 139.776



73, 98.028, 138.119

Inverse Universe

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



4, 22.823, 334.285



6, 30.345, 335.335



4, 16.648, 3.410



5, 1.098, 330.163



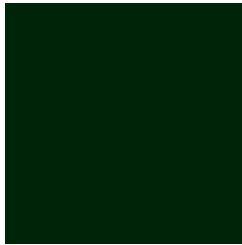
16, 44.263, 336.358



48, 86.090, 337.327

Previews

White Background



This preview shows how the CIELCh color 11, 24.412, 147.082 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 11, 24.412, 147.082

Background



This preview shows how black text looks on a background with the CIELCh color 11, 24.412, 147.082.



This preview shows how white text looks on a background with the CIELCh color 11, 24.412, 147.082.

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


11, 24.412, 147.082

Protanopia

11, 15.233, 100.647

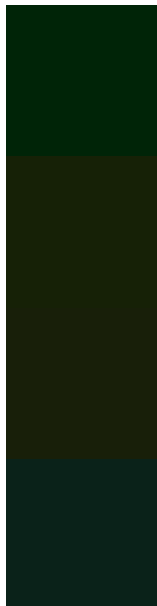
Deuteranopia

11, 12.916, 83.664



Tritanopia
11, 7.723, 214.283

Trichromacy



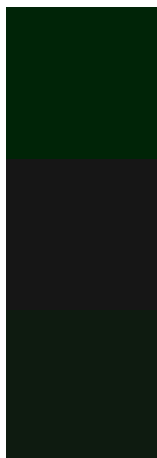
Original Color
11, 24.412, 147.082

Protanomaly
11, 17.417, 127.579

Deuteranomaly
11, 14.204, 123.665

Tritanomaly
11, 12.654, 165.040

Monochromacy



Original Color
11, 24.412, 147.082

Achromatopsia
7, 0.002, 296.812

Achromatomaly
8, 9.793, 147.889

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 11, 24.412, 147.082 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(0, 36, 7)` looks like.

```
.text, #text, p{  
    color:rgb(0, 36, 7)  
}
```

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(0, 36, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 36, 7) }
```

Border

The CSS property to change the border of an element to CIELCh 11, 24.412, 147.082 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(0, 36, 7) }
```

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

```
.border{ border-color:rgb(0, 36, 7) }
```

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

Here you see how a box with a 4 pixel rgb(0, 36, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 36, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 36, 7); box-shadow:4px  
4px 4px 4px rgb(0, 36, 7) }
```

Background

The CSS property to change the background color of an element to CIELCh 11, 24.412, 147.082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 36, 7) }
```

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

```
.background{ background-color: rgb(0, 36,  
7) }
```

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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