

Converting Colors

CIELCh(13, 11.327, 220.068)

Have a look what the booklet for
CIELCh(13, 11.327, 220.068)
contains.

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Color

CIELCh(13, 11.167, 220.242)

Conversions

Conversions Part 1

Format	Color
Hex	07252B
RGB	7, 37, 43
RGB Percent	3%, 15%, 17%
CMY	0.9715, 0.8539, 0.8303
CMYK	0.83, 0.14, 0.00, 0.83
HSL	190°, 71%, 10%
HSV	190°, 83%, 17%
XYZ	1.2015, 1.5625, 2.5491
YIQ	28.7140, -19.8060, -4.4940

Conversions

Conversions Part 2

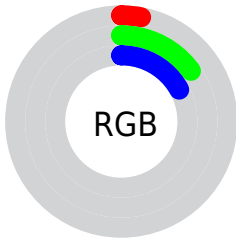
Format	Color
R_{YB}	7, 23, 43
Decimal	468267
CIE _{Lab}	13.00, -8.52, -7.21
CIE _{LCh}	13, 11.167, 220.242
Yxy	1.5625, 0.2261, 0.2941
Android (android.graphics.Color)	4278658347 (0xFF07252B)
YUV	28.7140, 7.0430, -19.0432
Hunter-Lab	12.5000, -4.7170, -3.3407

Details

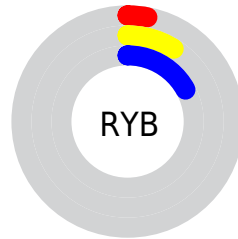
The CIELCh color **13, 11.167, 220.242** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **8, 17.232, 29.750**, and the grayscale version is **11, 0.003, 296.813**.

A 20% lighter version of the original color is **33, 11.096, 218.142**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **13, 12.055, 221.114**, and if you desaturate by 10%, it is **13, 10.319, 219.131**.

Distribution



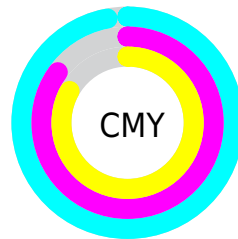
- Red (3%)
- Green (15%)
- Blue (17%)



- Red (3%)
- Yellow (9%)
- Blue (17%)



- Cyan (83%)
- Magenta (14%)
- Yellow (0%)
- Black (83%)



- Cyan (97%)
- Magenta (85%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 13, 11.167, 220.242 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 13, 11.167, 220.242 by changing the saturation by 10% instead.

■ 13, 11.167,
220.242

■ 13, 11.167,
220.242

■ 100, 11.167,
220.242

■ 3, 11.167, 220.242

■ 33, 11.167,
220.242

■ 0, 11.167, 220.242

■ 43, 11.167,
220.242


■ 53, 11.167,
220.242


■ 63, 11.167,
220.242


■ 73, 11.167,
220.242


■ 83, 11.167,


220.242


 93, 11.167,
220.242

 13, 11.167,
220.242

 13, 11.167,
220.242

 13, 12.055,
221.114

 13, 10.319,
219.131

 12, 12.694,
221.567

 14, 9.340, 218.158

 14, 8.196, 217.400

 15, 6.901, 216.821

 16, 5.472, 216.396

 16, 3.927, 216.102

■ 17, 2.285, 215.931

■ 17, 0.563, 216.067

■ 18, 1.225, 35.518

Harmonies

Complementary

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



13, 11.167, 220.242



8, 17.232, 29.750

Rectangle

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



13, 11.167, 220.242



13, 11.167, 270.242



13, 11.167, 40.242



13, 11.167, 90.242

Sweetspot

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



13, 11.167, 220.241



22, 5.230, 216.185



15, 25.649, 143.587



9, 3.476, 216.185



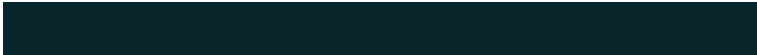
64, 0.008, 296.813



10, 0.003, 296.813

Same Dimension

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



13, 11.167, 220.241



17, 14.887, 223.286



6, 18.178, 283.786



6, 0.772, 216.511



27, 19.448, 225.498



66, 37.836, 228.649

Inverse Universe

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



7, 25.290, 333.694



9, 35.229, 334.915



13, 16.208, 81.023



6, 1.413, 329.557



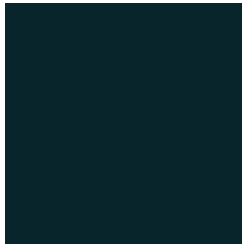
17, 45.748, 335.477



48, 88.055, 336.291

Previews

White Background



This preview shows how the CIELCh color 13, 11.167, 220.242 looks on a white background.

Color Contrast Check

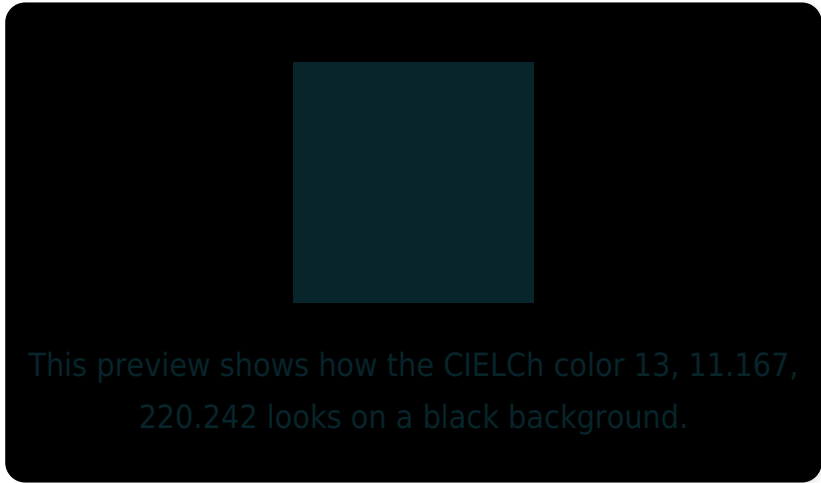
Large Text (above 18pt) WCAG AA ✓ Pass

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

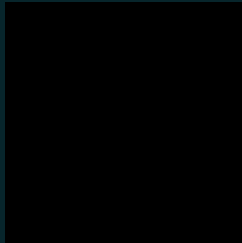
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

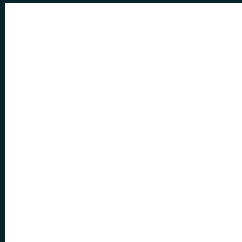
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 13, 11.167, 220.242

Background



This preview shows how black text looks on a background with the CIELCh color 13, 11.167, 220.242.



This preview shows how white text looks on a background with the CIELCh color 13, 11.167, 220.242.

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


13, 11.167, 220.242

Protanopia

13, 5.080, 281.304

Deuteranopia

13, 7.909, 289.278



Tritanopia
13, 12.529, 206.748

Trichromacy



Original Color
13, 11.167, 220.242

Protanomaly
13, 6.986, 245.007

Deuteranomaly
13, 7.965, 253.456

Tritanomaly
13, 11.994, 210.921

Monochromacy



Original Color
13, 11.167, 220.242

Achromatopsia
11, 0.003, 296.813

Achromatomaly
11, 5.134, 214.858

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 13, 11.167, 220.242 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(7, 37, 43)` looks like.

```
.text, #text, p{  
    color:rgb(7, 37, 43)  
}
```

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(7, 37, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 37, 43) }
```

Border

The CSS property to change the border of an element to CIELCh 13, 11.167, 220.242 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(7, 37, 43) }
```

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

```
.border{ border-color:rgb(7, 37, 43) }
```

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

Here you see how a box with a 4 pixel rgb(7, 37, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 37, 43); -webkit-box-shadow:4px  
4px 4px 4px rgb(7, 37, 43); box-shadow:4px  
4px 4px 4px rgb(7, 37, 43) }
```

Background

The CSS property to change the background color of an element to CIELCh 13, 11.167, 220.242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 37, 43) }
```

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

```
.background{ background-color: rgb(7, 37,  
43) }
```

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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