

Converting Colors

CIELCh(30, 16.433, 245.139)

Have a look what the booklet for
CIELCh(30, 16.433, 245.139)
contains.

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Color

CIELCh(30, 16.192, 243.988)

Conversions

Conversions Part 1

Format	Color
Hex	274B5D
RGB	39, 75, 93
RGB Percent	15%, 29%, 36%
CMY	0.8475, 0.7063, 0.6357
CMYK	0.58, 0.19, 0.00, 0.64
HSL	200°, 41%, 26%
HSV	200°, 58%, 36%
XYZ	5.3128, 6.2359, 11.2549
YIQ	66.2880, -27.2340, -2.0340

Conversions

Conversions Part 2

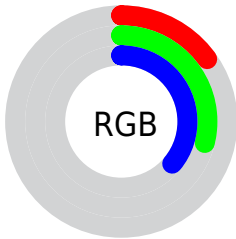
Format	Color
RYB	39, 61, 93
Decimal	2575197
CIELab	30.00, -7.10, -14.55
CIElCh	30, 16.192, 243.988
Yxy	6.2359, 0.2330, 0.2735
Android (android.graphics.Color)	4280765277 (0xFF274B5D)
YUV	66.2880, 13.1690, -23.9316
Hunter-Lab	24.9718, -5.7247, -9.2420




Details

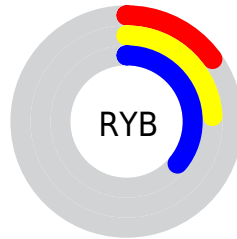
The CIELCh color **30, 16.192, 243.988** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **28, 22.551, 52.146**, and the grayscale version is **28, 0.004, 296.813**.




A 20% lighter version of the original color is **50, 15.999, 242.827**, and **10, 14.546, 252.700** is the 20% darker color. If you saturate the color by 10%, you get **29, 18.305, 246.661**, and if you desaturate by 10%, it is **32, 13.848, 241.787**.

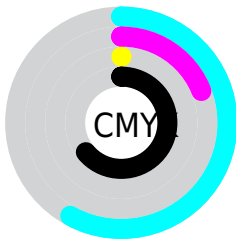
Distribution







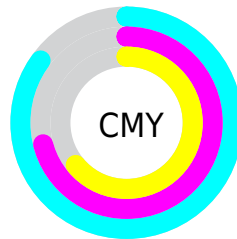
-  Red (15%)
-  Green (29%)
-  Blue (36%)






-  Red (15%)
-  Yellow (24%)
-  Blue (36%)



-  Cyan (58%)
-  Magenta (19%)
-  Yellow (0%)
-  Black (64%)





-  Cyan (85%)
-  Magenta (71%)
-  Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 30, 16.192, 243.988 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 30, 16.192, 243.988 by changing the saturation by 10% instead.


 30, 16.192,
243.988


 30, 16.192,
243.988

 100, 16.192,
243.988


 20, 16.192,
243.988


 50, 16.192,
243.988


 10, 16.192,
243.988

 60, 16.192,
243.988

 0, 16.192, 243.988

 70, 16.192,
243.988

 80, 16.192,
243.988

 90, 16.192,
243.988

■ 30, 16.192,
243.988

■ 30, 16.192,
243.988

■ 29, 18.305,
246.661

■ 32, 13.848,
241.787

■ 27, 20.192,
249.871

■ 33, 11.289,
239.992

■ 26, 21.879,
253.653

■ 35, 8.536, 238.533

■ 25, 23.524,
257.559

■ 36, 5.620, 237.358

■ 38, 2.567, 236.446

■ 24, 23.847,
258.231

■ 40, 0.595, 55.075

■ 42, 3.841, 54.825

■ 43, 7.152, 54.326

■ 45, 10.509, 53.900

Harmonies

Complementary

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



30, 16.192, 243.988



28, 22.551, 52.146

Rectangle

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



30, 16.192, 243.988



30, 16.192, 293.988



30, 16.192, 63.988



30, 16.192, 113.988

Sweetspot

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



30, 16.191, 243.987



47, 6.506, 237.294



35, 31.552, 149.667



23, 4.376, 237.421



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



30, 16.191, 243.987



37, 22.846, 247.877



22, 29.649, 290.588



18, 1.749, 236.498



29, 27.081, 259.376



62, 49.506, 262.947

Inverse Universe

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



25, 31.456, 340.186



29, 44.614, 341.713



35, 27.100, 95.058



17, 3.061, 336.194



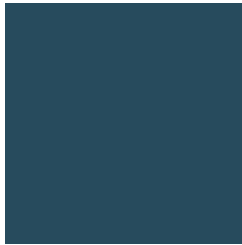
23, 49.023, 346.224



52, 85.361, 347.822

Previews

White Background



This preview shows how the CIELCh color 30, 16.192, 243.988 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 30, 16.192, 243.988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

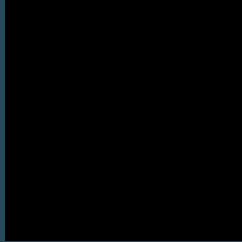
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 30, 16.192, 243.988

Background



This preview shows how black text looks on a background with the CIELCh color 30, 16.192, 243.988.



This preview shows how white text looks on a background with the CIELCh color 30, 16.192, 243.988.

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

30, 16.192, 243.988

Protanopia

30, 12.227, 285.064

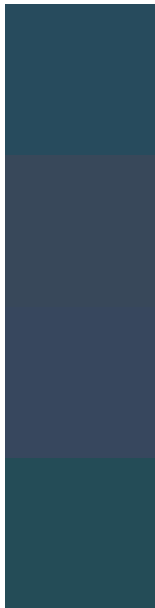
Deuteranopia

30, 16.086, 286.407



Tritanopia
30, 14.982, 212.410

Trichromacy



Original Color
30, 16.192, 243.988

Protanomaly
30, 12.756, 264.322

Deuteranomaly
30, 15.597, 271.067

Tritanomaly
30, 15.056, 225.858

Monochromacy



Original Color
30, 16.192, 243.988

Achromatopsia
28, 0.004, 296.813

Achromatomaly
28, 6.832, 240.446

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 16.192, 243.988 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(39, 75, 93)` looks like.

```
.text, #text, p{  
    color:rgb(39, 75, 93)  
}
```

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(39, 75, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 75, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 16.192, 243.988 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(39, 75, 93) }
```

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

```
.border{ border-color:rgb(39, 75, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 75, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 75, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 75, 93);  
box-shadow:4px 4px 4px 4px rgb(39, 75, 93)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 30, 16.192, 243.988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 75, 93) }
```

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

```
.background{ background-color: rgb(39, 75,  
93) }
```

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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