

Converting Colors

CIELCh(30, 17.407, 238.493)

Have a look what the booklet for
CIELCh(30, 17.407, 238.493)
contains.

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Color

CIELCh(30, 17.265, 237.316)

Conversions

Conversions Part 1

Format	Color
Hex	204C5D
RGB	32, 76, 93
RGB Percent	13%, 30%, 36%
CMY	0.8753, 0.7026, 0.6360
CMYK	0.66, 0.18, 0.00, 0.64
HSL	197°, 49%, 24%
HSV	197°, 66%, 36%
XYZ	5.1296, 6.2359, 11.2475
YIQ	64.7820, -31.6810, -4.0410

Conversions

Conversions Part 2

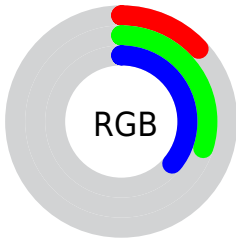
Format	Color
RYB	32, 58, 93
Decimal	2116701
CIELab	30.00, -9.32, -14.53
CIELCh	30, 17.265, 237.316
Yxy	6.2359, 0.2268, 0.2758
Android (android.graphics.Color)	4280306781 (0xFF204C5D)
YUV	64.7820, 13.9115, -28.7498
Hunter-Lab	24.9718, -7.0336, -9.2245




Details

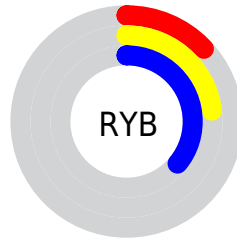
The CIELCh color **30, 17.265, 237.316** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **26, 26.661, 46.991**, and the grayscale version is **27, 0.004, 296.813**.




A 20% lighter version of the original color is **50, 17.235, 236.216**, and **11, 14.205, 249.203** is the 20% darker color. If you saturate the color by 10%, you get **29, 18.942, 240.008**, and if you desaturate by 10%, it is **31, 15.295, 235.125**.

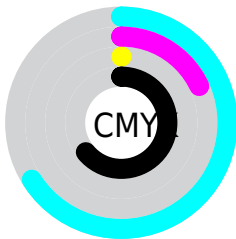
Distribution







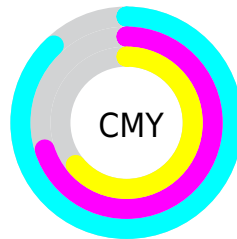
-  Red (13%)
-  Green (30%)
-  Blue (36%)






-  Red (13%)
-  Yellow (23%)
-  Blue (36%)



-  Cyan (66%)
-  Magenta (18%)
-  Yellow (0%)
-  Black (64%)





-  Cyan (88%)
-  Magenta (70%)
-  Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 30, 17.265, 237.316 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, 17.265, 237.316 by changing the saturation by 10% instead.


 30, 17.265,
237.316


 30, 17.265,
237.316

 100, 17.265,
237.316


 20, 17.265,
237.316


 50, 17.265,
237.316


 10, 17.265,
237.316

 60, 17.265,
237.316

 0, 17.265, 237.316

 70, 17.265,
237.316

 80, 17.265,
237.316

 90, 17.265,
237.316

■ 30, 17.265,
237.316

■ 30, 17.265,
237.316

■ 29, 18.942,
240.008

■ 31, 15.295,
235.125

■ 28, 20.341,
243.268

■ 33, 13.046,
233.363

■ 27, 21.570,
246.908

■ 34, 10.540,
231.958

■ 26, 22.120,
248.358

■ 35, 7.812, 230.848

■ 37, 4.895, 229.984

■ 39, 1.823, 229.388

■ 40, 1.372, 48.462

■ 42, 4.662, 48.186

■ 43, 8.025, 47.880

Harmonies

Complementary

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



30, 17.265, 237.316



26, 26.661, 46.991

Rectangle

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



30, 17.265, 237.316



30, 17.265, 287.316



30, 17.265, 57.316



30, 17.265, 107.316

Sweetspot

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



30, 17.264, 237.315



47, 7.589, 230.376



35, 36.567, 146.808



23, 5.195, 230.540



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, 17.264, 237.315



37, 23.676, 241.783



20, 31.734, 289.755



18, 1.752, 229.529



31, 25.032, 249.442



66, 45.168, 252.856

Inverse Universe

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



23, 36.010, 338.226



28, 49.712, 339.816



34, 29.234, 90.726



17, 3.183, 333.937



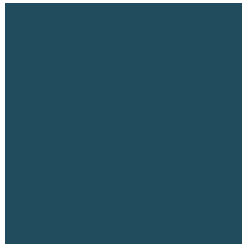
23, 50.709, 342.427



53, 88.351, 343.641

Previews

White Background



This preview shows how the CIELCh color 30, 17.265, 237.316 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 CIE LCh color 30, 17.265, 237.316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

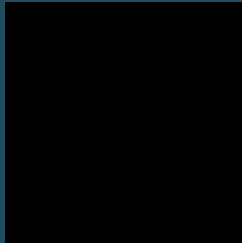
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 30, 17.265, 237.316

Background



This preview shows how black text looks on a background with the CIELCh color 30, 17.265, 237.316.



This preview shows how white text looks on a background with the CIELCh color 30, 17.265, 237.316.

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, 17.265, 237.316

Protanopia

30, 11.596, 284.502

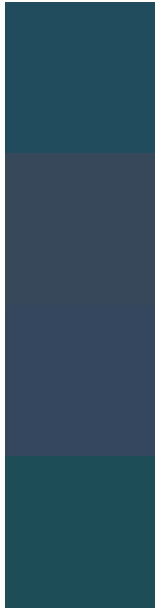
Deuteranopia

30, 16.086, 286.407



Tritanopia
30, 16.775, 212.873

Trichromacy



Original Color
30, 17.265, 237.316

Protanomaly
30, 13.059, 261.597

Deuteranomaly
30, 15.941, 267.721

Tritanomaly
30, 16.594, 220.317

Monochromacy



Original Color
30, 17.265, 237.316

Achromatopsia
28, 0.004, 296.813

Achromatomaly
28, 7.408, 230.339

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 17.265, 237.316 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(32, 76, 93)` looks like.

```
.text, #text, p{  
    color:rgb(32, 76, 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(32, 76, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 76, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 17.265, 237.316 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(32, 76, 93) }
```

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

```
.border{ border-color:rgb(32, 76, 93) }
```

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

Here you see how a box with a 4 pixel rgb(32, 76, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 76, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 76, 93);  
box-shadow:4px 4px 4px 4px rgb(32, 76, 93)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 30, 17.265, 237.316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 76, 93) }
```

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

```
.background{ background-color: rgb(32, 76,  
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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