

Converting Colors

CIELCh(30, 22.289, 265.608)

Have a look what the booklet for
CIELCh(30, 22.289, 265.608)
contains.

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Color

CIELCh(30, 22.395, 265.980)

Conversions

Conversions Part 1

Format	Color
Hex	274969
RGB	39, 73, 105
RGB Percent	15%, 29%, 41%
CMY	0.8465, 0.7133, 0.5878
CMYK	0.63, 0.30, 0.00, 0.59
HSL	209°, 46%, 28%
HSV	209°, 63%, 41%
XYZ	5.7874, 6.2359, 14.2954
YIQ	66.4820, -30.5360, 2.7440

Conversions

Conversions Part 2

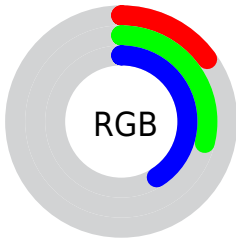
Format	Color
R_{YB}	39, 61, 105
Decimal	2574697
CIE _{Lab}	30.00, -1.57, -22.34
CIE _{LCh}	30, 22.395, 265.980
Yxy	6.2359, 0.2199, 0.2369
Android (android.graphics.Color)	4280764777 (0xFF274969)
YUV	66.4820, 18.9894, -24.1017
Hunter-Lab	24.9718, -2.3322, -16.4609

Details

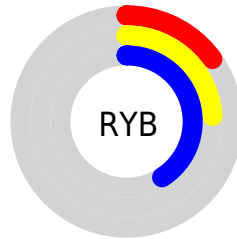
The CIELCh color **30, 22.395, 265.980** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **33, 27.074, 66.528**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **50, 22.402, 265.927**, and **11, 21.307, 274.795** is the 20% darker color. If you saturate the color by 10%, you get **28, 25.699, 269.292**, and if you desaturate by 10%, it is **32, 19.025, 263.120**.

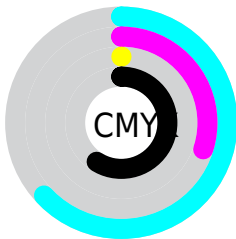
Distribution



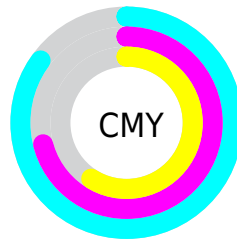
- Red (15%)
- Green (29%)
- Blue (41%)



- Red (15%)
- Yellow (24%)
- Blue (41%)



- Cyan (63%)
- Magenta (30%)
- Yellow (0%)
- Black (59%)





- Cyan (85%)
- Magenta (71%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 30, 22.395, 265.980 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, 22.395, 265.980 by changing the saturation by 10% instead.


 30, 22.395,
265.980


 30, 22.395,
265.980

 100, 22.395,
265.980


 20, 22.395,
265.980


 50, 22.395,
265.980


 10, 22.395,
265.980

 60, 22.395,
265.980

 0, 22.395, 265.980

 70, 22.395,
265.980

 80, 22.395,
265.980

 90, 22.395,
265.980

■ 30, 22.395,
265.980

■ 30, 22.395,
265.980

■ 28, 25.699,
269.292

■ 32, 19.025,
263.120

■ 26, 28.971,
273.047

■ 34, 15.573,
260.680

■ 24, 32.267,
277.153

■ 37, 12.039,
258.614

■ 23, 34.744,
279.903

■ 39, 8.431, 256.871

■ 41, 4.760, 255.408

■ 44, 1.042, 254.324

■ 46, 2.708, 72.929

■ 49, 6.478, 72.053

■ 51, 10.255, 71.263

Harmonies

Complementary

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



30, 22.395, 265.980



33, 27.074, 66.528

Rectangle

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



30, 22.395, 265.980



30, 22.395, 315.980



30, 22.395, 85.980



30, 22.395, 135.980

Sweetspot

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



30, 22.394, 265.980



52, 8.798, 256.369



40, 32.436, 156.187



25, 6.001, 256.694



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



30, 22.394, 265.980



36, 32.920, 270.882



20, 43.702, 298.848



21, 2.131, 254.926



25, 37.997, 280.539



54, 69.128, 283.433

Inverse Universe

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



27, 34.002, 349.546



32, 48.032, 352.249



43, 36.834, 103.908



21, 3.135, 343.497



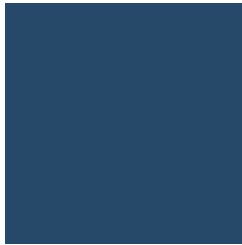
24, 48.093, 358.820



53, 82.256, 1.392

Previews

White Background



This preview shows how the CIE LCh color 30, 22.395, 265.980 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, 22.395, 265.980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

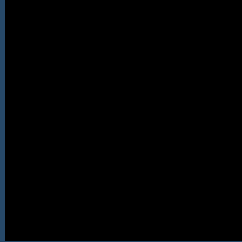
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

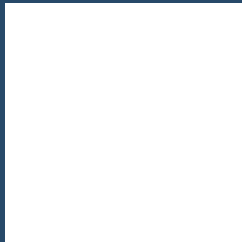
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 30, 22.395, 265.980

Background



This preview shows how black text looks on a background with the CIELCh color 30, 22.395, 265.980.

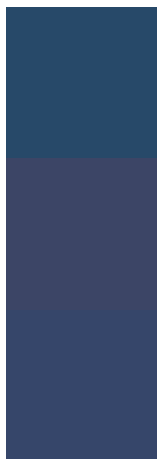


This preview shows how white text looks on a background with the CIELCh color 30, 22.395, 265.980.

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, 22.395, 265.980

Protanopia

30, 21.258, 285.460

Deuteranopia

30, 23.399, 281.187



Tritanopia
30, 16.576, 213.091

Trichromacy



Original Color
30, 22.395, 265.980

Protanomaly
30, 21.710, 277.873

Deuteranomaly
30, 23.136, 276.264

Tritanomaly
30, 16.984, 235.267

Monochromacy



Original Color
30, 22.395, 265.980

Achromatopsia
28, 0.004, 296.813

Achromatomaly
29, 8.930, 259.533

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 22.395, 265.980 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, 73, 105)` looks like.

```
.text, #text, p{  
    color:rgb(39, 73, 105)  
}
```

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, 73, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 73, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 22.395, 265.980 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, 73, 105) }
```

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

```
.border{ border-color:rgb(39, 73, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 73, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 73, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 73, 105);  
box-shadow:4px 4px 4px 4px rgb(39, 73,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 30, 22.395, 265.980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 73, 105) }
```

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

```
.background{ background-color: rgb(39, 73,  
105) }
```

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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