

Converting Colors

CIELCh(30, 27.627, 267.576)

Have a look what the booklet for
CIELCh(30, 27.627, 267.576)
contains.

CIELCh(30, 27.663, 267.785)	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(30, 27.663, 267.785)

Conversions

Conversions Part 1

Format	Color
Hex	1A4971
RGB	26, 73, 113
RGB Percent	10%, 29%, 44%
CMY	0.8995, 0.7121, 0.5551
CMYK	0.77, 0.35, 0.00, 0.56
HSL	207°, 63%, 27%
HSV	207°, 77%, 44%
XYZ	5.8317, 6.2359, 16.6512
YIQ	63.5070, -40.8520, 2.4760

Conversions

Conversions Part 2

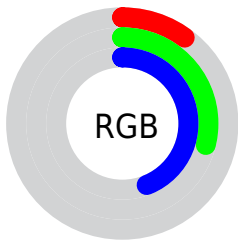
Format	Color
R_{YB}	26, 57, 113
Decimal	1722737
CIE _{Lab}	30.00, -1.07, -27.64
CIE _{LCh}	30, 27.663, 267.785
Yxy	6.2359, 0.2031, 0.2171
Android (android.graphics.Color)	4279912817 (0xFF1A4971)
YUV	63.5070, 24.4000, -32.8936
Hunter-Lab	24.9718, -2.0154, -22.0543




Details

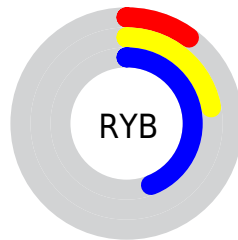
The CIELCh color **30, 27.663, 267.785** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **33, 36.419, 61.937**, and the grayscale version is **27, 0.004, 296.813**.




A 20% lighter version of the original color is **50, 27.675, 268.514**, and **11, 25.850, 281.665** is the 20% darker color. If you saturate the color by 10%, you get **28, 30.833, 271.856**, and if you desaturate by 10%, it is **32, 24.447, 264.177**.

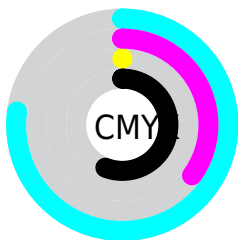
Distribution







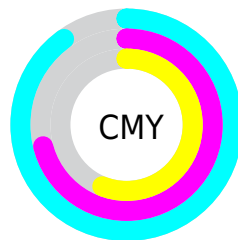
-  Red (10%)
-  Green (29%)
-  Blue (44%)






-  Red (10%)
-  Yellow (22%)
-  Blue (44%)



-  Cyan (77%)
-  Magenta (35%)
-  Yellow (0%)
-  Black (56%)



-  Cyan (90%)
-  Magenta (71%)
-  Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 30, 27.663, 267.785 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, 27.663, 267.785 by changing the saturation by 10% instead.

■ 30, 27.663,
267.785

■ 30, 27.663,
267.785

■ 100, 27.663,
267.785

■ 20, 27.663,
267.785

■ 50, 27.663,
267.785

■ 10, 27.663,
267.785

■ 60, 27.663,
267.785

■ 0, 27.663, 267.785

■ 70, 27.663,
267.785

■ 80, 27.663,
267.785

■ 90, 27.663,
267.785

■ 30, 27.663,
267.785

■ 30, 27.663,
267.785

■ 28, 30.833,
271.856

■ 32, 24.447,
264.177

■ 26, 34.055,
276.094

■ 34, 21.137,
261.057

■ 26, 34.922,
277.099

■ 37, 17.711,
258.401

■ 39, 14.161,
256.164

■ 41, 10.497,
254.287

■ 44, 6.734, 252.719

■ 46, 2.892, 251.439

■ 48, 1.011, 69.956

Harmonies

Complementary

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



30, 27.663, 267.785



33, 36.419, 61.937

Rectangle

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



30, 27.663, 267.785



30, 27.663, 317.785



30, 27.663, 87.785



30, 27.663, 137.785

Sweetspot

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



30, 27.662, 267.786



54, 10.990, 253.657



42, 42.123, 152.106



27, 7.535, 254.123



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



30, 27.662, 267.786



35, 40.435, 275.395



17, 56.389, 301.092



22, 2.171, 251.618



27, 36.511, 277.413



56, 65.638, 280.323

Inverse Universe

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



26, 42.639, 350.413



32, 56.266, 354.968



45, 44.945, 101.058



22, 3.326, 341.982



25, 49.240, 356.349



54, 83.453, 358.640

Previews

White Background



This preview shows how the CIE LCh color 30, 27.663, 267.785 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, 27.663, 267.785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

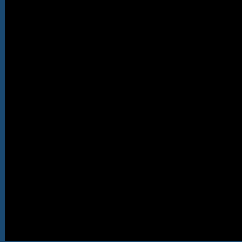
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 30, 27.663, 267.785

Background



This preview shows how black text looks on a background with the CIELCh color 30, 27.663, 267.785.



This preview shows how white text looks on a background with the CIELCh color 30, 27.663, 267.785.

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, 27.605, 268.085

Protanopia

30, 26.386, 285.610

Deuteranopia

30, 28.113, 278.987



Tritanopia
30, 20.537, 207.574

Trichromacy



Original Color
30, 27.605, 268.085

Protanomaly
30, 26.342, 277.200

Deuteranomaly
30, 27.948, 274.568

Tritanomaly
30, 20.535, 234.291

Monochromacy



Original Color
30, 27.605, 268.085

Achromatopsia
27, 0.004, 296.813

Achromatomaly
28, 11.438, 257.705

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 27.663, 267.785 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(26, 73, 113)` looks like.

```
.text, #text, p{  
    color:rgb(26, 73, 113)  
}
```

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(26, 73, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 73, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 27.663, 267.785 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(26, 73, 113) }
```

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

```
.border{ border-color:rgb(26, 73, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 73, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 73, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 73, 113);  
box-shadow:4px 4px 4px 4px rgb(26, 73,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 30, 27.663, 267.785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 73, 113) }
```

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

```
.background{ background-color: rgb(26, 73,  
113) }
```

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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