

Converting Colors

CIELCh(24, 106.430, 306.403)

Have a look what the booklet for
CIELCh(24, 106.430, 306.403)
contains.

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Color

CIELCh(24, 106.283, 306.387)

Conversions

Conversions Part 1

Format	Color
Hex	1605C0
RGB	22, 5, 192
RGB Percent	9%, 2%, 75%
CMY	0.9120, 0.9797, 0.2465
CMYK	0.88, 0.97, 0.00, 0.25
HSL	246°, 95%, 39%
HSV	246°, 97%, 75%
XYZ	9.9267, 4.1002, 50.2201
YIQ	31.4010, -49.8950, 61.7610

Conversions

Conversions Part 2

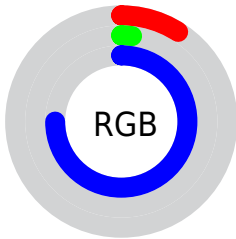
Format	Color
RYB	22, 5, 192
Decimal	1443264
CIELab	24.00, 63.05, -85.56
CIELCh	24, 106.283, 306.387
Yxy	4.1002, 0.1545, 0.0638
Android (android.graphics.Color)	4279633344 (0xFF1605C0)
YUV	31.4010, 79.1753, -8.2447
Hunter-Lab	20.2490, 52.0710, -132.8727

Details

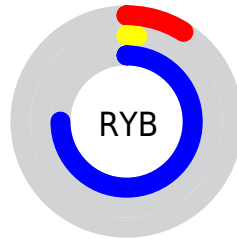
The CIELCh color **24, 106.283, 306.387** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **74, 78.247, 108.449**, and the grayscale version is **12, 0.003, 296.813**.

A 20% lighter version of the original color is **44, 106.087, 306.390**, and **14, 84.316, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **23, 107.655, 306.573**, and if you desaturate by 10%, it is **27, 100.079, 305.664**.

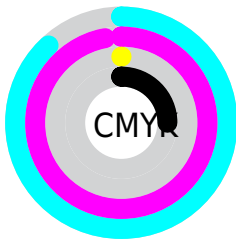
Distribution



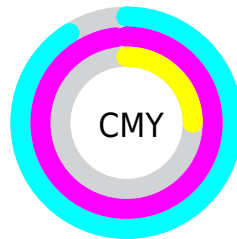
- Red (9%)
- Green (2%)
- Blue (75%)



- Red (9%)
- Yellow (2%)
- Blue (75%)



- Cyan (88%)
- Magenta (97%)
- Yellow (0%)
- Black (25%)





- Cyan (91%)
- Magenta (98%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 24, 106.283, 306.387 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 24, 106.283, 306.387 by changing the saturation by 10% instead.


 24, 106.283,
306.387


 24, 106.283,
306.387


 100, 106.283,
306.387


 14, 106.283,
306.387


 44, 106.283,
306.387


 4, 106.283,
306.387


 54, 106.283,
306.387

 0, 106.283,
306.387

 64, 106.283,
306.387

 74, 106.283,
306.387

 84, 106.283,
306.387

 94, 106.283,

306.387

■ 24, 106.283,
306.387

■ 24, 106.283,
306.387

■ 23, 107.655,
306.573

■ 27, 100.079,
305.664

■ 31, 90.385,
304.364

■ 36, 78.636,
302.722

■ 41, 66.145,
300.994

■ 48, 53.648,
299.343

■ 54, 41.476,
297.850

■ 60, 29.742,
296.537

■ 67, 18.471,
295.403

■ 73, 7.647, 294.431

Harmonies

Complementary

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



24, 106.283, 306.387



74, 78.247, 108.449

Rectangle

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



24, 106.283, 306.387



24, 106.283, 356.387



24, 106.283, 126.387



24, 106.283, 176.387

Sweetspot

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



24, 106.285, 306.388



75, 39.281, 296.805



66, 36.490, 210.579



37, 27.186, 297.364



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



24, 106.285, 306.388



32, 131.291, 306.516



33, 98.053, 314.085



37, 6.000, 294.619



19, 94.207, 306.625



1, 19.518, 293.631

Inverse Universe

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



45, 86.504, 332.178



58, 105.718, 332.368



69, 89.585, 130.340



38, 6.783, 327.550



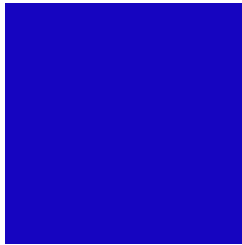
37, 76.150, 332.238



4, 22.218, 329.651

Previews

White Background



This preview shows how the CIE LCh color 24, 106.283, 306.387 looks on a white background.

Color Contrast Check

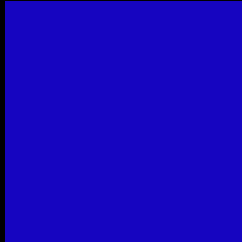
Large Text (above 18pt) WCAG AA ✓ Pass

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 24, 106.283, 306.387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

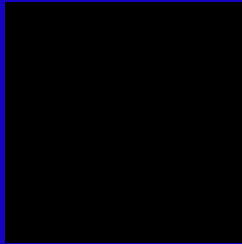
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 24, 106.283, 306.387

Background



This preview shows how black text looks on a background with the CIELCh color 24, 106.283, 306.387.



This preview shows how white text looks on a background with the CIELCh color 24, 106.283, 306.387.

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

24, 106.283, 306.387

Protanopia

25, 41.233, 284.213

Deuteranopia

25, 28.359, 268.618



Tritanopia
24, 18.368, 202.811

Trichromacy



Original Color
24, 106.283, 306.387

Protanomaly
22, 70.394, 299.931

Deuteranomaly
21, 61.439, 297.577

Tritanomaly
20, 47.231, 292.719

Monochromacy



Original Color
24, 106.283, 306.387

Achromatopsia
12, 0.003, 296.813

Achromatomaly
13, 47.463, 303.389

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 24, 106.283, 306.387 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(22, 5, 192)` looks like.

```
.text, #text, p{  
    color:rgb(22, 5, 192)  
}
```

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(22, 5, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 5, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 24, 106.283, 306.387 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(22, 5, 192) }
```

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

```
.border{ border-color:rgb(22, 5, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 5, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 5, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 5, 192);  
box-shadow:4px 4px 4px 4px rgb(22, 5, 192)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 24, 106.283, 306.387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 5, 192) }
```

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

```
.background{ background-color: rgb(22, 5,  
192) }
```

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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