

Converting Colors

CIELCh(65, 23.811, 295.628)

Have a look what the booklet for
CIELCh(65, 23.811, 295.628)
contains.

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Color

CIELCh(65, 24.027, 295.936)

Conversions

Conversions Part 1

Format	Color
Hex	9D99C4
RGB	157, 153, 196
RGB Percent	62%, 60%, 77%
CMY	0.3834, 0.3991, 0.2304
CMYK	0.20, 0.22, 0.00, 0.23
HSL	246°, 27%, 69%
HSV	246°, 22%, 77%
XYZ	35.3717, 34.0472, 57.0779
YIQ	159.0980, -11.4190, 14.2210

Conversions

Conversions Part 2

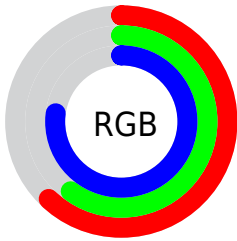
Format	Color
RYB	157, 153, 196
Decimal	10328516
CIELab	65.00, 10.51, -21.61
CIElCh	65, 24.027, 295.936
Yxy	34.0472, 0.2796, 0.2692
Android (android.graphics.Color)	4288518596 (0xFF9D99C4)
YUV	159.0980, 18.1927, -1.8399
Hunter-Lab	58.3500, 6.0942, -17.1525

Details

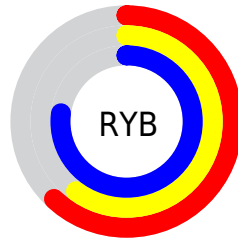
The CIELCh color `65, 24.027, 295.936` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `78, 22.851, 112.037`, and the grayscale version is `66, 0.008, 296.813`.

A 20% lighter version of the original color is `85, 24.344, 296.117`, and `45, 23.974, 295.979` is the 20% darker color. If you saturate the color by 10%, you get `58, 35.710, 297.151`, and if you desaturate by 10%, it is `72, 12.805, 294.890`.

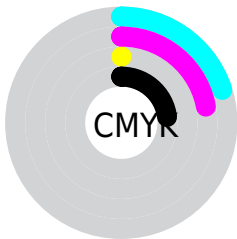
Distribution



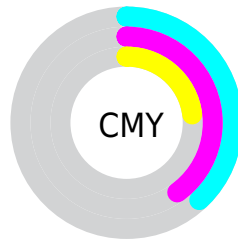
- Red (62%)
- Green (60%)
- Blue (77%)



- Red (62%)
- Yellow (60%)
- Blue (77%)



- Cyan (20%)
- Magenta (22%)
- Yellow (0%)
- Black (23%)





- Cyan (38%)
- Magenta (40%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 24.027, 295.936 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 65, 24.027, 295.936 by changing the saturation by 10% instead.


 65, 24.027,
295.936


 65, 24.027,
295.936


 100, 24.027,
295.936


 55, 24.027,
295.936


 85, 24.027,
295.936

 45, 24.027,
295.936

 95, 24.027,
295.936

 35, 24.027,
295.936

 25, 24.027,
295.936

 15, 24.027,
295.936

 5, 24.027, 295.936

 0, 24.027, 295.936

65, 24.027,
295.936

65, 24.027,
295.936

58, 35.710,
297.151

72, 12.805,
294.890

52, 47.862,
298.548

78, 2.027, 294.006

84, 8.339, 113.223

46, 60.423,
300.120

91, 18.321,
112.570

40, 73.194,
301.820

97, 27.946,
112.009

34, 85.671,
303.533

99, 29.606,
107.927

29, 96.834,
305.048

26, 105.123,
306.083

24, 109.369,

Harmonies

Complementary

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



65, 24.027, 295.936



78, 22.851, 112.037

Rectangle

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



65, 24.027, 295.936



65, 24.027, 345.936



65, 24.027, 115.936



65, 24.027, 165.936

Sweetspot

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



65, 24.025, 295.935



94, 9.221, 294.443



75, 13.703, 206.573



50, 5.998, 294.498



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 24.025, 295.935



79, 35.579, 296.459



67, 25.535, 312.877



37, 6.001, 294.648



19, 94.202, 306.628



1, 19.518, 293.652

Inverse Universe

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



68, 26.602, 328.314



84, 39.028, 328.578



76, 24.925, 130.961



38, 6.780, 327.573



37, 76.105, 332.274



4, 22.202, 329.681

Previews

White Background



This preview shows how the CIELCh color 65, 24.027, 295.936 looks on a white 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

Black Background



This preview shows how the CIELCh color 65, 24.027, 295.936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

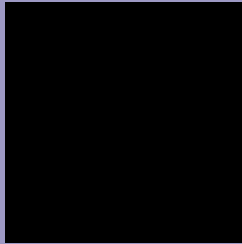
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 24.027, 295.936

Background



This preview shows how black text looks on a background with the CIELCh color 65, 24.027, 295.936.



This preview shows how white text looks on a background with the CIELCh color 65, 24.027, 295.936.

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

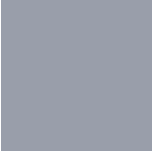
65, 24.027, 295.936

Protanopia

65, 23.468, 285.219

Deuteranopia

65, 23.386, 291.780



Tritanopia
65, 6.884, 275.422

Trichromacy



Original Color
65, 24.027, 295.936

Protanomaly
65, 23.377, 289.288

Deuteranomaly
65, 23.396, 293.445

Tritanomaly
65, 13.354, 290.048

Monochromacy



Original Color
65, 24.027, 295.936

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 8.910, 293.478

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 24.027, 295.936 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(157, 153, 196)` looks like.

```
.text, #text, p{  
    color:rgb(157, 153, 196)  
}
```

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(157, 153, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 153, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 24.027, 295.936 is called "border". The border property can be set on classes, ids or directly on the HTML element.

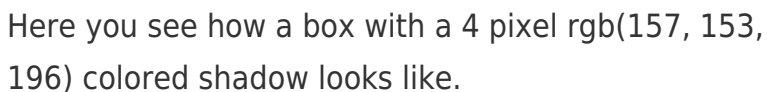
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 153, 196) }
```

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

```
.border{ border-color:rgb(157, 153, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 153, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 153, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 153, 196); box-shadow:4px 4px 4px 4px rgb(157, 153, 196) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 24.027, 295.936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 153, 196) }
```

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

```
.background{ background-color: rgb(157,  
153, 196) }
```

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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