

Converting Colors

CIELCh(75, 21.799, 264.913)

Have a look what the booklet for
CIELCh(75, 21.799, 264.913)
contains.

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Color

CIELCh(75, 21.883, 265.646)

Conversions

Conversions Part 1

Format	Color
Hex	9DBBE0
RGB	157, 187, 224
RGB Percent	62%, 73%, 88%
CMY	0.3830, 0.2654, 0.1203
CMYK	0.30, 0.16, 0.00, 0.12
HSL	213°, 52%, 75%
HSV	213°, 30%, 88%
XYZ	45.3063, 48.2781, 77.6897
YIQ	182.2480, -29.7570, 5.1470

Conversions

Conversions Part 2

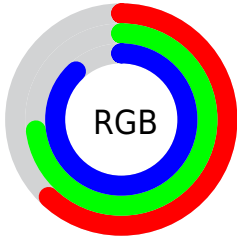
Format	Color
R _{YB}	157, 178, 224
Decimal	10337248
CIE Lab	75.00, -1.66, -21.82
CIE LCh	75, 21.883, 265.646
Yxy	48.2781, 0.2645, 0.2819
Android (android.graphics.Color)	4288527328 (0xFF9DBBE0)
YUV	182.2480, 20.5837, -22.1425
Hunter-Lab	69.4824, -5.2027, -17.6556

Details

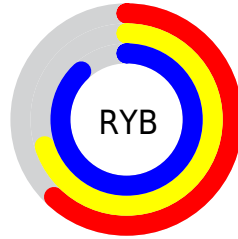
The CIELCh color $75, 21.883, 265.646$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $80, 23.148, 76.979$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 11.629, 231.105$, and $55, 21.982, 265.939$ is the 20% darker color. If you saturate the color by 10%, you get $70, 29.154, 267.841$, and if you desaturate by 10%, it is $80, 14.576, 263.789$.

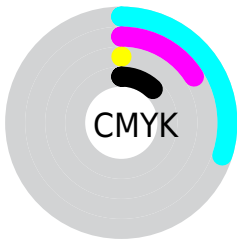
Distribution



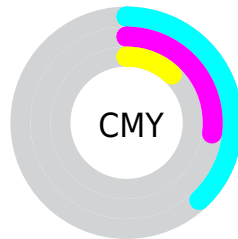
- Red (62%)
- Green (73%)
- Blue (88%)



- Red (62%)
- Yellow (70%)
- Blue (88%)



- Cyan (30%)
- Magenta (16%)
- Yellow (0%)
- Black (12%)



- Cyan (38%)
- Magenta (27%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 21.883, 265.646 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 75, 21.883, 265.646 by changing the saturation by 10% instead.

■ 75, 21.883,
265.646

■ 75, 21.883,
265.646

■ 100, 21.883,
265.646

■ 65, 21.883,
265.646

■ 95, 21.883,
265.646

■ 55, 21.883,
265.646

■ 45, 21.883,
265.646

■ 35, 21.883,
265.646

■ 25, 21.883,
265.646

■ 15, 21.883,
265.646

■ 5, 21.883, 265.646

0, 21.883, 265.646

75, 21.883,
265.646

75, 21.883,
265.646

70, 29.154,
267.841

80, 14.576,
263.789

66, 36.391,
270.434

85, 7.247, 262.236

61, 43.611,
273.467

89, 0.087, 76.724

94, 7.406, 79.646

57, 50.862,
276.955

98, 12.831, 99.813

53, 58.212,
280.861

99, 15.513,
109.005

49, 65.740,
285.068

■ 45, 73.492,
289.301

■ 45, 73.594,
289.352

Harmonies

Complementary

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



75, 21.883, 265.646



80, 23.148, 76.979

Rectangle

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



75, 21.883, 265.646



75, 21.883, 315.646



75, 21.883, 85.646



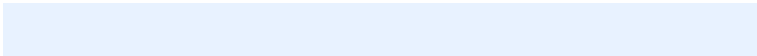
75, 21.883, 135.646

Sweetspot

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



75, 21.882, 265.644



95, 7.332, 262.124



84, 28.489, 163.575



50, 5.094, 262.329



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 21.882, 265.644



81, 29.227, 267.004



67, 37.080, 295.500



45, 4.170, 262.176



35, 60.347, 288.624



7, 20.646, 279.508

Inverse Universe

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



72, 29.827, 349.524



77, 39.965, 350.330



88, 34.485, 109.482



44, 5.553, 347.349



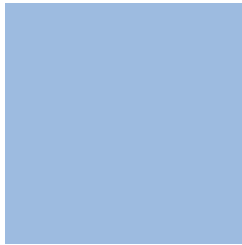
37, 63.912, 6.843



6, 25.981, 358.514

Previews

White Background



This preview shows how the CIELCh color 75, 21.883, 265.646 looks on a white background.

Color Contrast Check

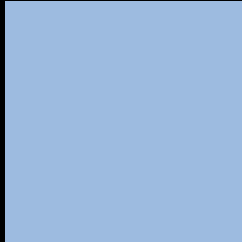
Large Text (above 18pt) WCAG AA × Fail

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 75, 21.883, 265.646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

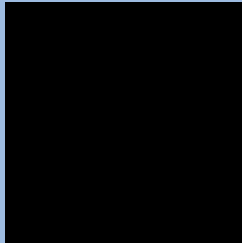
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

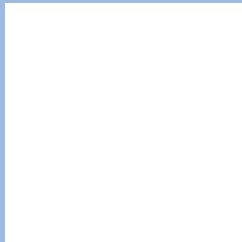
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 21.883, 265.646

Background



This preview shows how black text looks on a background with the CIELCh color 75, 21.883, 265.646.



This preview shows how white text looks on a background with the CIELCh color 75, 21.883, 265.646.

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

75, 21.883, 265.646

Protanopia

75, 20.607, 285.530

Deuteranopia

75, 24.902, 293.258



Tritanopia
75, 14.915, 231.664

Trichromacy



Original Color
75, 21.883, 265.646

Protanomaly
75, 20.513, 277.017

Deuteranomaly
75, 22.884, 283.138

Tritanomaly
75, 16.697, 247.117

Monochromacy



Original Color
75, 21.883, 265.646

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 7.959, 261.474

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 21.883, 265.646 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, 187, 224)` looks like.

```
.text, #text, p{  
    color:rgb(157, 187, 224)  
}
```

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, 187, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 187, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 21.883, 265.646 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, 187, 224) }
```

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

```
.border{ border-color:rgb(157, 187, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 187, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 187, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 187, 224);  
box-shadow:4px 4px 4px 4px rgb(157, 187,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 21.883, 265.646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 187, 224) }
```

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

```
.background{ background-color: rgb(157,  
187, 224) }
```

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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