

Converting Colors

CIELCh(72, 24.361, 259.847)

Have a look what the booklet for
CIELCh(72, 24.361, 259.847)
contains.

CIELCh(72, 24.361, 260.085)	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(72, 24.361, 260.085)

Conversions

Conversions Part 1

Format	Color
Hex	8CB5DC
RGB	140, 181, 220
RGB Percent	55%, 71%, 86%
CMY	0.4519, 0.2911, 0.1382
CMYK	0.36, 0.18, 0.00, 0.14
HSL	209°, 53%, 70%
HSV	209°, 36%, 86%
XYZ	40.1351, 43.6590, 73.8488
YIQ	173.1870, -36.9550, 3.4370

Conversions

Conversions Part 2

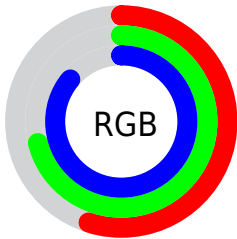
Format	Color
RYB	140, 167, 220
Decimal	9221596
CIELab	72.00, -4.19, -24.00
CIELCh	72, 24.361, 260.085
Yxy	43.6590, 0.2546, 0.2769
Android (android.graphics.Color)	4287411676 (0xFF8CB5DC)
YUV	173.1870, 23.0788, -29.1050
Hunter-Lab	66.0750, -7.2072, -20.0130

Details

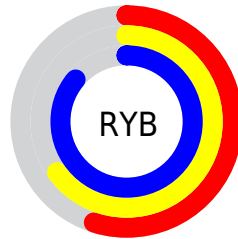
The CIELCh color **72, 24.361, 260.085** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **76, 27.232, 69.575**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 16.059, 234.383**, and **52, 24.567, 260.446** is the 20% darker color. If you saturate the color by 10%, you get **68, 30.746, 262.532**, and if you desaturate by 10%, it is **76, 17.822, 258.035**.

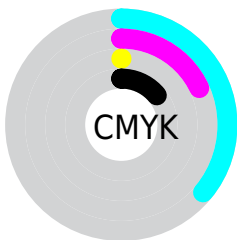
Distribution



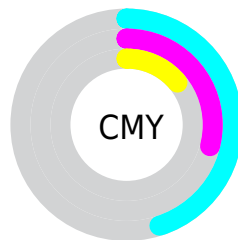
- Red (55%)
- Green (71%)
- Blue (86%)



- Red (55%)
- Yellow (65%)
- Blue (86%)



- Cyan (36%)
- Magenta (18%)
- Yellow (0%)
- Black (14%)



- Cyan (45%)
- Magenta (29%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 24.361, 260.085 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 72, 24.361, 260.085 by changing the saturation by 10% instead.

 72, 24.361,
260.085

 72, 24.361,
260.085


 100, 24.361,
260.085

 62, 24.361,
260.085


 92, 24.361,
260.085

 52, 24.361,
260.085

 42, 24.361,
260.085

 32, 24.361,
260.085

 22, 24.361,
260.085

 12, 24.361,
260.085

 2, 24.361, 260.085

■ 0, 24.361, 260.085

■ 72, 24.361,
260.085

■ 72, 24.361,
260.085

■ 68, 30.746,
262.532

■ 76, 17.822,
258.035

■ 64, 36.976,
265.441

■ 81, 11.152,
256.327

■ 60, 43.072,
268.853

■ 85, 4.381, 254.938

■ 56, 49.096,
272.772

■ 89, 2.463, 73.459

■ 53, 55.147,
277.130

■ 94, 9.349, 72.543

■ 49, 61.340,
281.759

■ 99, 17.824,
108.830

■ 48, 63.639,
283.369

Harmonies

Complementary

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



72, 24.361, 260.085



76, 27.232, 69.575

Rectangle

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



72, 24.361, 260.085



72, 24.361, 310.085



72, 24.361, 80.085



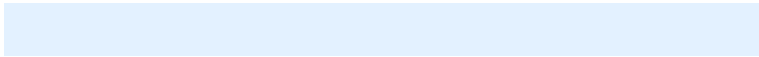
72, 24.361, 130.085

Sweetspot

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



72, 24.360, 260.083



95, 8.469, 255.546



82, 35.756, 159.271



50, 5.685, 255.739



0, 0.000, 0.000



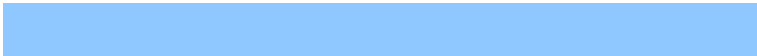
53, 0.007, 296.813

Same Dimension

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



72, 24.360, 260.083



79, 32.964, 261.999



61, 44.222, 294.312



44, 3.871, 255.320



38, 52.496, 282.574



8, 17.763, 272.492

Inverse Universe

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



67, 37.131, 346.467



73, 50.410, 347.475



86, 40.442, 105.940



43, 5.686, 343.714



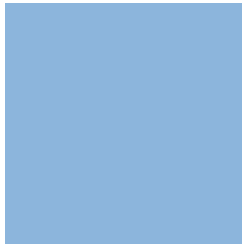
37, 63.640, 0.597



6, 25.200, 353.630

Previews

White Background



This preview shows how the CIELCh color 72, 24.361, 260.085 looks on a white background.

Color Contrast Check

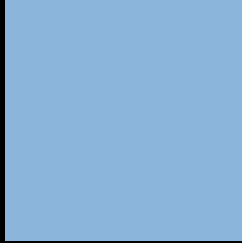
Large Text (above 18pt) WCAG AA × Fail

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 72, 24.361, 260.085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

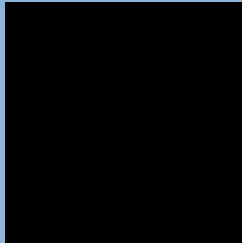
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 24.361, 260.085

Background



This preview shows how black text looks on a background with the CIELCh color 72, 24.361, 260.085.



This preview shows how white text looks on a background with the CIELCh color 72, 24.361, 260.085.

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

72, 24.361, 260.085

Protanopia

72, 22.414, 286.323

Deuteranopia

72, 26.171, 289.787

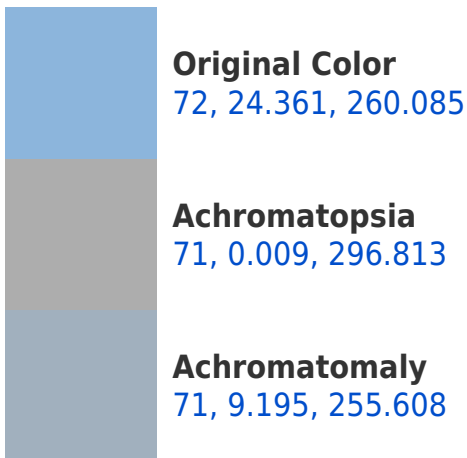


Tritanopia
72, 17.871, 225.693

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 24.361, 260.085 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(140, 181, 220)` looks like.

```
.text, #text, p{  
    color:rgb(140, 181, 220)  
}
```

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(140, 181, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 181, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 24.361, 260.085 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(140, 181, 220) }
```

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

```
.border{ border-color:rgb(140, 181, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 181, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 181, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 181, 220);  
box-shadow:4px 4px 4px 4px rgb(140, 181,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 24.361, 260.085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 181, 220) }
```

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

```
.background{ background-color: rgb(140,  
181, 220) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor